

# C. AULTMAN & CO.,

MANUFACTURERS OF

# STEAM THRESHING MACHINERY.

OFFICE AND MANUFACTORY, CANTON, O., U.S.A.

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San Francisco, Cal.		Hawley Bros. Hardware Co.
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Buenos Ayres, South America		Pedro Kureczyn.
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NOTE.—Letters of inquiry for prices of our different machines and terms of sale, and applications for agencies and the address of agents, should be addressed to our office nearest to your place of residence, or to the home office at Canton, Ohio. All inquiries will receive prompt and careful attention.

Copies of this Pamphlet are furnished in the GERMAN, FRENCH, SWEDISH, NORWEGIAN, or SPANISH Languages.

Threshers, Engines, Horse Powers, Complete Threshing Rigs, Water and Fuel Carts, Clover Attachments, Swinging Stackers, and Saw Mills

MANUFACTURED BY

**C. AULTMAN & CO.,**  
CANTON, OHIO.

## THRESHERS.

We manufacture New Model Threshers, in which separation is effected partly by an endless apron and partly by the vibrating process. We are able to offer to our patrons the following sizes of

## THE NEW MODEL THRESHER:

- No. 4 New Model, 24 in. cylinder, 36 in. rear.
- No. 7 New Model, 30 in. cylinder, 42 in. rear.
- No. 9 New Model, 33 in. cylinder, 45 in. rear.
- No. 11 New Model, 36 in. cylinder, 48 in. rear.

With the above will be included Neck Yoke, Whiffle-trees, Stay Chains, etc., including Brakes for Truck, Side Canvases, Windlass and Rope for Stackers. For the "Geared" machine, one extra Bevel Pinion, and one extra Spur Pinion for same. With either "Belted" or "Geared" machine, we furnish our own iron Riddles for cleaning Wheat, Oats, Barley, and all necessary belts, except Main Drive Belt, Feed Tables,

Foot Board, Run Boards, Oil Can, Wrenches, three Cylinder and two Concave Teeth extra, one extra Concave, Spike Wrench, and Spike Straightener.

## ENGINES.

All the varieties of Engines made by C. Aultman & Co. are known by the designation of "Canton Monitor." We adhere to the original type of Engine, Boiler, and Mounting first employed by us on the Canton Monitor, because said type has proven its unrivaled adaptability to farm uses, in respect to simplicity and endurance; and especially in respect to safety and economy. Following are the sizes we build:

## CANTON MONITOR PLAIN ENGINE.

- No. 6.—6-Horse Engine.
- No. 10.—10-Horse Engine.
- No. 12.—12-Horse Engine.
- No. 16.—16-Horse Engine.

## C. AULTMAN & CO., STEAM THRESHING MACHINERY.

### HORSE-STEERING TRACTION ENGINE.

- No. 10.—10-Horse Traction, to be guided by horses, with Link motion.  
 No. 12.—12-Horse Traction, to be guided by horses, with Link motion.  
 No. 16.—16-Horse Traction, to be guided by horses, with Link motion.

### SELF-STEERING TRACTION ENGINE.

- No. 10.—10-Horse. Self-steering Traction Engine, with Link motion.  
 No. 12.—12-Horse. Self-steering Traction Engine, with Link motion.  
 No. 16.—16-Horse. Self-steering Traction Engine, with Link motion.

Each Engine will be mounted on our unapproachable wrought iron and steel Trucks, and will be furnished with Pole, Whiffletrees, Stay Chains, Neck Yoke, Brakes for Truck. The above prices include all fittings necessary for the Engine, such as Independent Steam Pump, Governor, Oil Cups, Try Cocks, Steam Gauge, Glass Water Gauge, Whistle, Locomotive "Pop" Safety Valve, Locomotive Blower, Pipe Wrench, Hose for Water and Hose for Steam Flue Cleaner, Fire Poker, extra Glass for Water Gauge, Water Screen, Funnel for Filling Boiler, Oil Can, etc. In fact, nothing is omitted that is convenient or necessary for Engine. We also manufacture

### MONITOR SEMI-PORTABLE ENGINES.

This Engine consists of the Monitor adapted to stationary uses.

### STRAW-BURNING ENGINE

Parties wishing Straw-Burning Engines are invited to send for special circular containing a description of the same.

### MONITOR PORTABLE BOILER,

Which is adapted to the wants of those requiring steam for any agricultural or mechanical purpose.

### CAREY HORSE POWERS.

We manufacture Carey Horse Powers of these sizes:

- 4 or 6-Horse Mounted Power.
- 8-Horse Mounted Power.
- 10-Horse Mounted Power.
- 12-Horse Mounted Power.

With either of the above there will be included,—Truck complete with Brakes, Lever Racks and Sockets, and Ground Fastenings, Blocks for Tumbling Rods, Sledge for driving Stakes, Whiffletrees, Neck Yoke, etc. Levers complete with Irons, and Stay Rods or Braces for Levers, one Short Tumbling Rod. While these powers are generally required mounted, they can also be furnished without Trucks when desired.

### DINGEE-WOODBURY HORSE POWERS.

- 10-Horse Mounted Power.
- 12-Horse Mounted Power.

### PATENT SWINGING STACKER.

Unless otherwise ordered our New Swinging Stacker is furnished 24 feet long. If a longer Stacker is desired an extra charge will be made.

### MONITOR SAW MILLS.

- Single Saw Mill.
- Double Saw Mill.

In addition to the above complete machines, C. Aultman & Co. also make all the various equipments which are best calculated to fit said machines for the performance of any special class of work, such as

Timothy and Flax Riddles, Clover Hulling Attachments, Side Gear with Cover Complete, Three Hitch Gear, Grain Baggers, Jointed Stackers, Swinging Stackers, Equalizers for four, five, and six Levers, Ground Jacks, Trucks for Threshers, Trucks for Powers, Water and Fuel Carts.

### COMPLETE RIGS.

Persons who contemplate engaging in the threshing or sawing business generally require a complete equipment, either Steam or Horse Power, in the start. The great bulk of our machines are sold in that way. Complete Thresher Rigs are made up as follows:

### COMPLETE STEAM RIGS.

- No. 4 New Model (24 in. cylinder, 36 in. rear), with No. 6 Engine.  
 No. 7 New Model (30 in. cylinder, 42 in. rear), with No. 10 Engine—Plain or Traction.  
 No. 9 New Model (33 in. cylinder, 45 in. rear), with No. 10 Engine—Plain or Traction.  
 No. 11 New Model (36 in. cylinder, 48 in. rear), with No. 12 Engine—Plain or Traction.

### COMPLETE HORSE POWER RIGS.

- Either "Geared" or "Belted," as may be desired.  
 No. 4 New Model, with 8-Horse Mounted Power.  
 No. 7 New Model, with 10-Horse Mounted Power.  
 No. 9 New Model, with 10-Horse Mounted Power.  
 No. 9 New Model, with 12-Horse Mounted Power.

### A COMPLETE SAW MILL RIG

Comprises either a Double or Single Saw Mill, and a Twelve or Sixteen-Horse Power Engine.

Each machine named as belonging to any one of the above rigs is furnished with all the extras belonging with said machine, singly, as previously named. With the Complete Rigs the necessary Drive Belts are furnished in addition. In short, our Complete Rigs comprise all the appurtenances required to place the establishment on a footing for immediate and efficient business.

### REPAIRS.

We furnish in the tool box of each machine sold, our illustrated book of repairs and prices. Overhaul your machine several months before you expect to use it, see what it needs, and put your machine in complete order. Order your repairs, if any are needed, from us or from one of our own agents. Replace broken or worn out pieces with genuine pieces made by us from accurate patterns. If obtained from some local shop or unauthorized concern, they are very liable to inflict trouble upon you and undeserved detriment upon the repute of our machines. When ordering repairs, give: 1st. Your name, and town, county and State to which you want them shipped. 2d. Say whether by freight or express. 3d. Your post-office address. 4th. If not to be sent by express, C. O. D., send P. O. order or draft for the amount

**I**N place of the ordinary preface, we have commenced our catalogue by presenting, on its first two pages, a tabulated statement of the Threshers, Engines, Horse Powers, and Saw Mills made by C. Aultman & Co. The reader thus has the sizes and capacity of all our machines, and combinations of machines, where they may be quickly referred to.

So far as comparative merit is concerned it can be said that some of the machines that find their way into the market are good; some are not good—some are worse than worthless. The ordinary methods of ascertaining their relative merit include the annual catalogue furnished by each house. It may, however, be said that the farmer who consults each and all of these documents will be apt to be confused rather than enlightened upon this essential point. Only the practical thresherman who has put the machine through the roar and hurry of one or more campaigns has read the unprinted chapter that discloses this secret. The machine must be judged by the amount and quality of the work it is capable of doing with proper management, rather than by the age of the manufacturer producing it, or the size of the factory, or by the claims of its makers.

We do not mean to say that the considerations last named are without significance. Just the contrary is true. A manufacturer of machines used in agricultural processes cannot have prolonged existence, nor can it attain any extended proportions, unless its products have the approval and substantial patronage of the farmer. And it is with a pride, which is certainly pardonable, that we state the fact that the house of C. Aultman & Co., and its immediate predecessor, have made a special business of the manufacture of threshing machines every year since 1840; and that nearly one-half of the resources and power of their works at Canton, which are probably the most extensive in America, are constantly employed in the production of Threshers and Engines. We shall make no claim for our machines which is not abundantly sustained by the experience of many disinterested and thoroughly competent witnesses.

In compliance with the requirements of custom, and of convenience as well, we issue this annual description of our machines. As an advertisement it must necessarily be of only secondary utility. A great shop advertises itself by its products. Every machine that is sent out paves the way for more and more, or for less and less. If a machine masters the tasks given it to do in a superior manner, showing a profit to both thresher and farmer over the capabilities of its competitors, it will ultimately exact, even from the prejudiced and unwilling, a recognition of the fact.

With a manufacturing record of so many years we need hardly say that this house has built many different machines, and has experimented with very many more. The existence of this industry spans the entire period from the flail to the great steam thresher of to-day. No part of all this period has been more prolific of radical improvements, having for their object a greatly increased capacity and at the same time a greatly reduced wastage and loss of grain, than the last five years. It is only by comparing a thresher like the New Model with an old type of vibrator or endless apron that the scope of these improvements can be fully understood.

In the New Model Vibrating Thresher, Mr. Jacob Miller, the veteran Thresher builder, and Superintendent of C. Aultman & Co's Works, has embodied the fruits of forty years' successful experience with that class of machines. The old models that have been made by C. Aultman & Co., some of which, in their day, challenged such hearty admiration as is only accorded to master-pieces of human skill have, one by one, been branded "Well done, etc.,," and been pushed aside to make room for Miller's New Model, because, with the same power, it is capable of threshing more grain than any previous machine; because it separates and saves the most and wastes the least; because it cleans cleaner than any other; because of its extraordinary capabilities in all conditions of straw, and in threshing and hulling special crops and seeds; because of its simplicity, durability, and great facility in handling; because it is free from the vices of choking, clogging, and breaking grain; and because its real superiority to every other threshing machine is attested and insisted upon with unanimity and enthusiasm which admits of no doubt whatever.

In 1880, after four years' experience in building the Canton Monitor Engine, C. Aultman & Co. erected a large separate engine shop for its construction. Both engine and boiler shops received a full equipment of the best available iron and steel working machinery. This important step was rendered necessary by the rapidly increasing demand for Monitor Engines, and has been most amply justified by our extensive trade during the past three years, which has taxed this new addition to our works to its utmost capacity.

We continue to manufacture plain engines of six to twenty horse power, and traction engines of ten to twenty horse power, the latter being either self or horse steering as the purchaser may select. The horse-steering Traction Monitor seems to be the form of machine best adapted to the requirements of most engine users, its sale far outnumbering that of all the other styles.

Every year's record of steam threshing, sawing, etc., convinces us more and more certainly of the superiority of the upright boiler for portable uses. Its saving of fuel and water over the horizontal boiler, the facility with which it is operated, the quickness with which it is set and fired, its lightness, compactness, and its durability are excellencies that would alone commend it sufficiently. But safety to person and property is also to be considered in the purchase of a boiler. Explosions attended by most calamitous results have been only too frequent. If any reader of this has taken the pains to inform himself as to the character of the portable boilers that are responsible for the disasters that now and then shock the reading community, he will not need to be informed that the record of the Canton Monitor is absolutely without blemish in this vital respect. After seven years' use, and in view of the unexampled product and sale of the Monitor, its makers view this record with profound satisfaction.

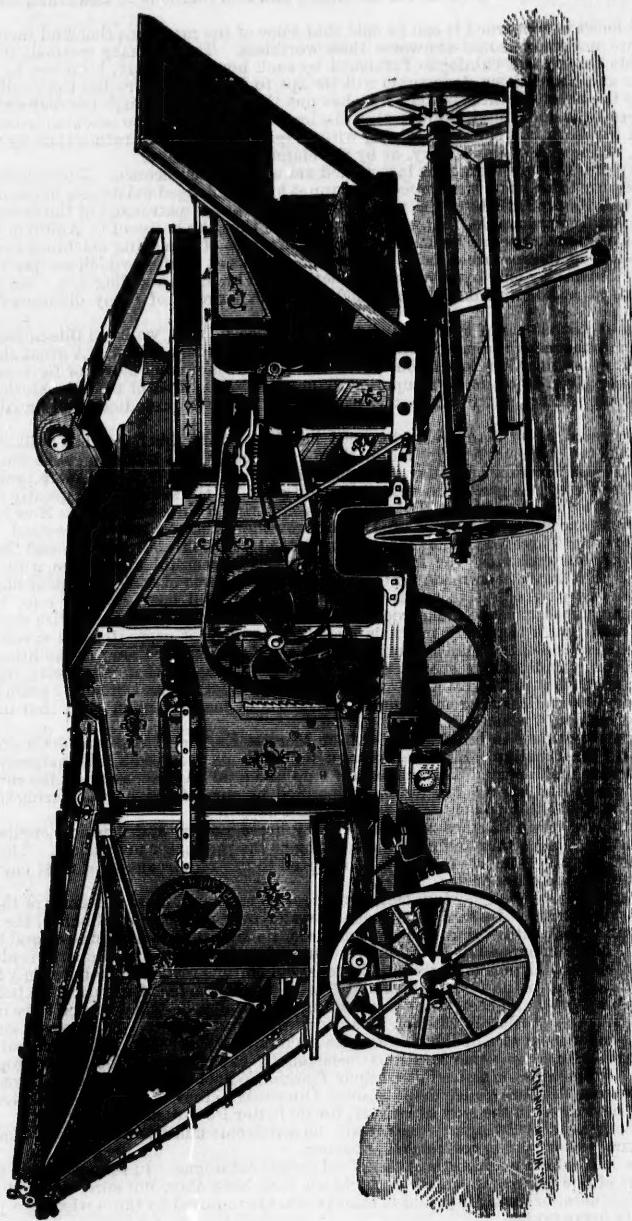
Heretofore traction engines have, in some localities, occasionally experienced difficulty in propelling themselves over slippery roads. We can now furnish a Patent Spur Traction Wheel which entirely obviates this trouble.

We build two Horse Powers, the Carey, also the Improved Dingee-Woodbury. Both these Powers have their merits. Nothing more can be desired in the way of Powers, for no better Powers are made.

C. Aultman & Co's Patent Lateral Swinging Stackers will be a welcome addition to the New Model Thresher outfit. It requires little extra power, and saves much hard labor.

The New Monitor Saw Mill which we furnish is described in this catalogue. In responding to the call for a light saw mill by purchasers of our engines in timber districts we have been slow, but sure. The Monitor Mill is not excelled in swiftness, lightness, or durability, and is exactly what is required by those wishing a portable mill requiring from ten to twenty horse power.

Many questions will arise which may, perhaps, remain unanswered in the descriptive parts of our catalogue, but answers to nearly all possible queries will be found in the course of the letters printed in the latter part of the book. The conduct of our machines under a great variety of circumstances is there commented on by those who have the best right to do so.



### MILLER'S NEW MODEL VIBRATING THRESHER.

The Most Effective and Successful Combination for Saving and Cleaning Grain ever constructed.

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## MILLER'S NEW MODEL VIBRATING THRESHER.

The shape and general appearance of the New Model are shown by our illustrations. It is built on a strong frame, the sills of which are cut, and arched with iron, so as to allow the front wheels to pass under the machine in making short turns. A pitched roof carries off the rain, and the interior of the separator is well protected.

### THE JOINTED STACKER

is hinged to the machine at the rear end of the sills. It can be placed in position for work in a few moments by means of rope and windlass. The stacker can be folded back to its place for transport on the road, by one man, as shown on page 39.

### THE WORKING PARTS

of the New Model are unique. It is not a vibrator, nor an endless apron machine, but it has appropriated to itself whatever merit there was in those venerable and, in their day, useful machines, and it has greatly increased their efficacy by other valuable additions. The method employed by it insures the thorough threshing out, or hulling, of all grains and seeds, for the complete separation of the same from the straw, and for its separation from dirt and chaff, and delivery in good marketable condition.

The cylinder and feed-board are placed high enough so that the machine is fed

### WITHOUT TIRESOME AND STRAINING EFFORT.

We have no occasion to set it low, or otherwise difficult to feed, because the cleaning and separating capacity of the machine cannot be overloaded by any amount of grain that a set of hands can furnish to the machine.

### THE CYLINDER CAP

is so shaped as to prevent the dust made in threshing from reaching the feeder.

### THE CYLINDER.

In order to have the requisite power for its work, the cylinder must necessarily have considerable weight. This weight is also needed to secure steady motion. The New Model cylinder is powerfully made, and its adjustment is intrusted only to most experienced hands. It has a heavy shaft, the steel bearings of which run in wide, composition boxes. It is adjustable endways, an arrangement that is always reliable, and saves that important bearing from the wear caused by set-screws and makeshifts of that character. All threshers admit that we make the best cylinder. For the cylinder teeth or spikes, we get steel specially made, which is superior, for this purpose, to any material we have ever known to be used. The spikes are made in the best manner with square shanks, and are sure to give satisfaction in make, material, and quality.

### THE CONCAVES.

The concave-holder, under the cylinder, is made to hold from one to five concaves, as the work may require. The thresher can use two, four, five, or six rows of spikes, according as his crop is more or less difficult to thresh. For threshing or hulling clover, concaves with three rows of teeth made for that purpose are used. The concave holder is under the control of the feeder, who can increase or decrease the distance between the cylinder and concaves so as to accomplish the best results. The concave slide is easily raised or lowered at its rear end as well as in front, and the one is sometimes just as essential as the other. During the past four seasons the New Model has been largely and most successfully used in wet oats, flax, and the most difficult crops; also in clover, timothy, rice, red-top, orchard grass, and lucern, and with superior results in each and every instance. In damp, tough grain, the cylinder and concaves must be brought nearer together than at other times. The conduct of the New Model in all the crops named is well described in the testimonial letters from owners of the machine, printed elsewhere in this pamphlet.

### TAILING SPOUT.

Our new Tailing Spout has a screen in the bottom, which permits hulled grains and seeds to pass back into the machine behind the cylinder, while the "white caps" and unhulled pods are carried on into the machine in front of the cylinder. This prevents the breaking and bruising of the kernels. Two screens for tailing spout are furnished, one for seeds and one for grain.

### SEPARATION FROM THE STRAW.

The threshed straw, still having in its meshes more or less grain, is not carried from the cylinder to the stacker on a level. The body of straw, as it leaves the cylinder, will stand considerable buffeting without dropping all the grain in it, but if the bunches of straw are well shaken and also pulled apart, the grain in them will fall out and be saved. The plan of the New Model performs this part of the work more thoroughly than it is done by any other Separator, and it is a crowning merit.

On leaving the cylinder the straw is carried to the top of the machine by a short grain carrier. At the highest point it is met by a beater, running at a faster speed than that of the straw, under which the latter has to pass. The straw is thoroughly disarranged and drops down on to the gang of five beaters, by the motion of which it is thoroughly shaken and tossed at different angles, the layer of straw being pulled apart over every inch of its surface, so that it would seem impossible for a single grain to be left in any part of the straw. From the gang beaters the straw falls a considerable distance to the vibrating table, where, owing to the different movements of the beaters and table, the straws are again well pulled apart, leaving the grains, if any are left in the straw, to fall down into the shoe. The gang beaters work off the straw over more than half the length of the vibrating table, and thus leave this portion of the table free to separate out the grain from the broken straw and fine stuff which, with the grain, falls down upon it through the beaters, being, in fact, a double separation. Part of the table is level, but there is an elevated extension at the rear. By a series of upward and backward throws the straw is tossed back and out upon the stacker.

Other vibrating machines have generally been so made that the flow of straw was little broken or disarranged, and a great waste of grain was the result. More recently certain expedients, in the shape of forks or kickers, have checked the waste on some of them.

These expedients were also rendered necessary in order to cure said machines of a chronic habit of choking in case they attempted anything like fast threshing. The New Model is entirely free from this vice. It is a

### CYLINDER-CLEARING VIBRATOR.

The short grain web carries the straw rapidly away from the cylinders, leaving it always clear and free to perform its important duties without embarrassment. This web, and the top beater also, receive and save all the flying grains that are thrown forward by the cylinder, and which, in machines that are level, and open from end to end, are thrown into the straw and lost. On the New Model the straw is worked off by positive motions from cylinder to stacker, just as well in fast threshing and damp straw, as in slow threshing and dry straw.

### THE CLEANING PARTS.

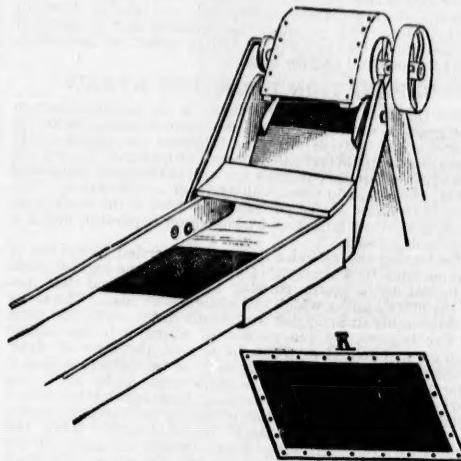
Another great advantage of our machine over other vibrators is this: Instead of admitting the grain down on the riddle over its full length, the New Model brings the grain back, by a return shoe, to the front end of the riddle, where all the mingled grain and chaff get the full benefit of the fan-blast. Thus nearly all the chaff goes out at once, and nearly all the grain goes through, greatly reducing the work to be done by the riddles, and leaving them free to do that work in the most perfect manner.

### THE FAN.

By the aid of devices peculiar to our machine, the fan furnishes both an over-blast and an under-blast, moving the contents off of the riddles freely, preventing choking, and cleaning the grain in splendid shape.

## A VALUABLE IMPROVEMENT.

Tailing Spout, which Assists in Saving and Cleaning Grain and Seeds, and which saves much Grain from being Broken and Bruised.



### THE SHOE.

The motions of the shoe and of the vibrating table balance each other, so that no power is lost and the draft of the machine is very light.

We use the end-shake shoe, and consider it a most valuable grain-cleaning and saving apparatus, for a number of reasons:

It is so pronounced by all who have used it.

It furnishes so much more separating capacity, admitting the use of such wide and long riddles.

It runs so much lighter and quieter.

It obviates the side shaking and waste of power.

It saves the necessity of screwing up wheels, and of braces to keep the machine from swaying from side to side.

It cleans itself so thoroughly, saving all poking and chok ing.

It is immensely superior to other shoes in flax, timothy, and clover seeds.

This shoe is one of the characterizing advantages of the New Model, which has contributed largely to its great reputation.

How completely and thoroughly the grain has been taken out of the straw, and how well it has been cleaned by the application of all the means we have described, we may safely leave all good threshermen to decide for themselves. We think that they will have to concede that the variety and effectiveness of the methods applied by the New Model for separating and cleaning grain have never yet been presented in any single machine. We can assure them, and we will assure to every purchaser, in the most ample and satisfactory manner, that the operation of the machine will most fully justify every claim we have made for it.

This machine is made to last, as every good machine must be. All violent movements are counterbalanced, and the motions of the machine at work are smooth, even, and uniform. The purchaser of the New Model may fairly count upon having the longest-lived vibrating machine in the market, for in respect to smoothness of running, upon which durability chiefly depends, there is none in the market to compare with it.

### CLOVER HULLER ATTACHMENT.

The attachment required to convert the New Model Grain Thresher into a clover huller can be placed in position by

The Tailing Spout on our machines has a screen in the bottom, as shown in the cut. Two screens can be used, one for clover and the other for larger grains. This screen makes a clean job of separating out all the threshed seeds, and admits the same back into the machine, upon the carrier, *behind* the cylinder. Threshermen are greatly pleased with this arrangement, which is our exclusive property. This improvement also secures cleaner grain, because it admits of a stronger blast from the fan, without increasing the danger of blowing over wheat.

A great defect with many threshers is their tendency to crack and break kernels of grain. The superiority of the work done by our machines, in this respect, upon the addition of this device, first led to its adoption. The broken kernels are generally such as pass into the cylinder a second time, after having been previously deprived of their husk or covering. By passing the threshed grains into the machine behind the cylinder, this difficulty is almost entirely obviated.

At times much timothy is mixed in with the wheat, and the saving of it becomes a matter of great importance. The New Model saves all this timothy seed in first-class shape. A large portion of the seed can be conducted directly from the tailing spout into the measure outside of the machine, and the arrangement of the shoe is such that none is blown over and lost, but all is saved. Our customers speak in the highest terms of the New Model as a timothy seed saver.

any thresherman without any extra help. We have furnished clover hulling attachments with our different machines for many years, but no huller has ever given such excellent satisfaction in every single instance as the one we now make. An extended description, illustration, and eulogy of this apparatus is not required, nor would it be absolute proof of superior merit if it were given ever so elaborately. That is the best huller which will do the best work and the most of it. A good many of our patrons have tested the new Model Huller practically, and we beg to refer the reader to their letters printed elsewhere in this pamphlet.

### THE NEW MODEL IN FLAX.

The New Model has been used largely in threshing flax the past year, and has given most complete satisfaction in every instance. A number of our machines went through the entire season threshing scarcely any other crop, and their owners, without exception, speak of the conduct and capacity of the machine in flax in the most flattering terms. In certain regions, where flax is the principal crop, such as Linn County, Kansas, the New Model has greatly popularized itself by its ability to separate out the cake seed from the flax seed. One operator took out as high as one bushel of cake seed from ten bushels of flax seed. The arrangement of the beaters is such that they are not liable to wrap in flax, or wet oats. In short, we can say that the operation of the New Model in these sometimes troublesome crops has been all that its manufacturers could desire, which is saying a good deal. We again take pleasure in referring the reader to our testimonials for confirmation of our statements.

### RICE.

In the preparation of this catalogue we prefer that our statements shall be founded on our own personal knowledge. This being impossible, so far as threshing rice is concerned, we are again compelled to borrow the language of one of our patrons, Mr. Geo. W. Lee, of Grand Prairie, La. Mr. Lee says of his New Model:

"It is the best rice thresher ever introduced into the rice districts of Louisiana. It breaks the least grain, and cleans more perfectly for market, and it threshes as fast as any machine I ever saw. I am getting nearly all the threshing in my section owing to the good quality of my work."

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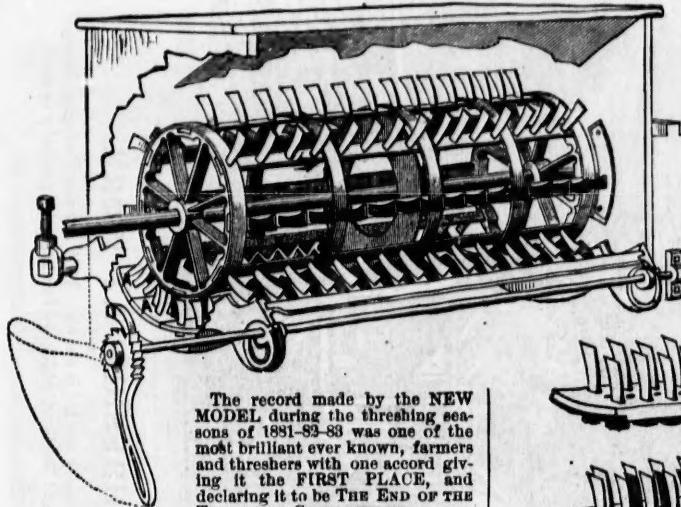
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The record made by the NEW MODEL during the threshing seasons of 1881-'82-'83 was one of the most brilliant ever known, farmers and threshers with one accord giving it the FIRST PLACE, and declaring it to be THE END OF THE THRESHING CONTROVERSY.

The steel of which our spikes are made is made specially for that purpose. We have tried both iron and steel spikes, and are confident that no material equals that which we now use. The spikes are made with square shanks, fitting into square sockets, and are shaped so as to do the cleanest and best quality of work.

## LUCERN SEED.

We receive occasional letters in which the New Model is highly commended for its capacity to save lucern. We will refer the reader to one from Messrs. Jones & Gammon, of Utah, printed on another page. They refer to their machine as "The best thresher and saver of lucern seed."

In timothy and other seeds our experience is that the New Model has no superior, if, indeed, it has an equal. We will conclude this description of the New Model by alluding to a few of its good points to which we have not yet referred.

## THE REAR OF THE MACHINE IS WIDE AND ROOMY.

The riddles are larger than in other machines, so that it is immaterial how fast the cylinder and separating parts may furnish the chaff and grain; the riddles cannot be overloaded. Some of our customers assert that they have gone clear through a long threshing season without once having to clean their riddles.

## THE BELT TIGHTENER.

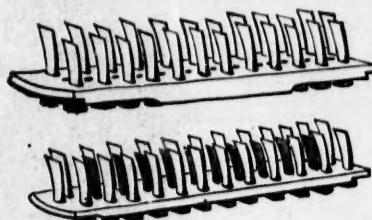
The feeder has near his hand the lever which controls the belt tightener. This saves much time and insures reliable operation. The feeders can instantly stop the motion of the whole machine, behind the cylinder, without arresting the motion of the cylinder. This he is enabled to do by simply lowering the belt-tightener pulley.

## OILING.

The boxes on the crank shaft are provided with self-oilers, so that a run of half a day can be made without stopping the machine to oil. All other oiling places can be reached without stopping and all the oil cups are well protected.

## THE CYLINDER.

This important part is constructed in a very powerful manner. Its adjustment is intrusted only to the most careful and skilful hands. By means of the lever at the left side, all the spikes in the concave can be moved nearer to or farther away from the cylinder. This is done in a moment, and without stopping the machine. Our cylinders are very heavy, and are very accurately balanced, securing steady motion and providing against danger from accidents. Shafts are steel, with brass boxes, the most durable and easy running journal in existence.



The concave shown with two rows of spikes is used for threshing grain. The concaves with three rows of spikes are used in threshing clover seed, and take the place of the concaves marked A.

## RIDDLES.

With the New Model, wheat, oats, barley, and rye are cleaned without changing riddles—an advantage over all other machines. Two riddles are used, a coarse riddle above and a finer riddle below.

For threshing timothy, clover, flax, and other small seeds, we furnish the finer riddles required in cleaning the same only when specially ordered. They are extra.

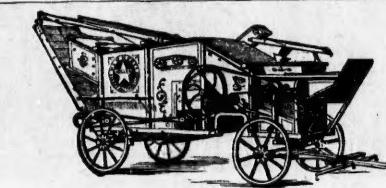
As a grain thresher nothing about the New Model requires regulating except the concaves, wind-board, and speed.

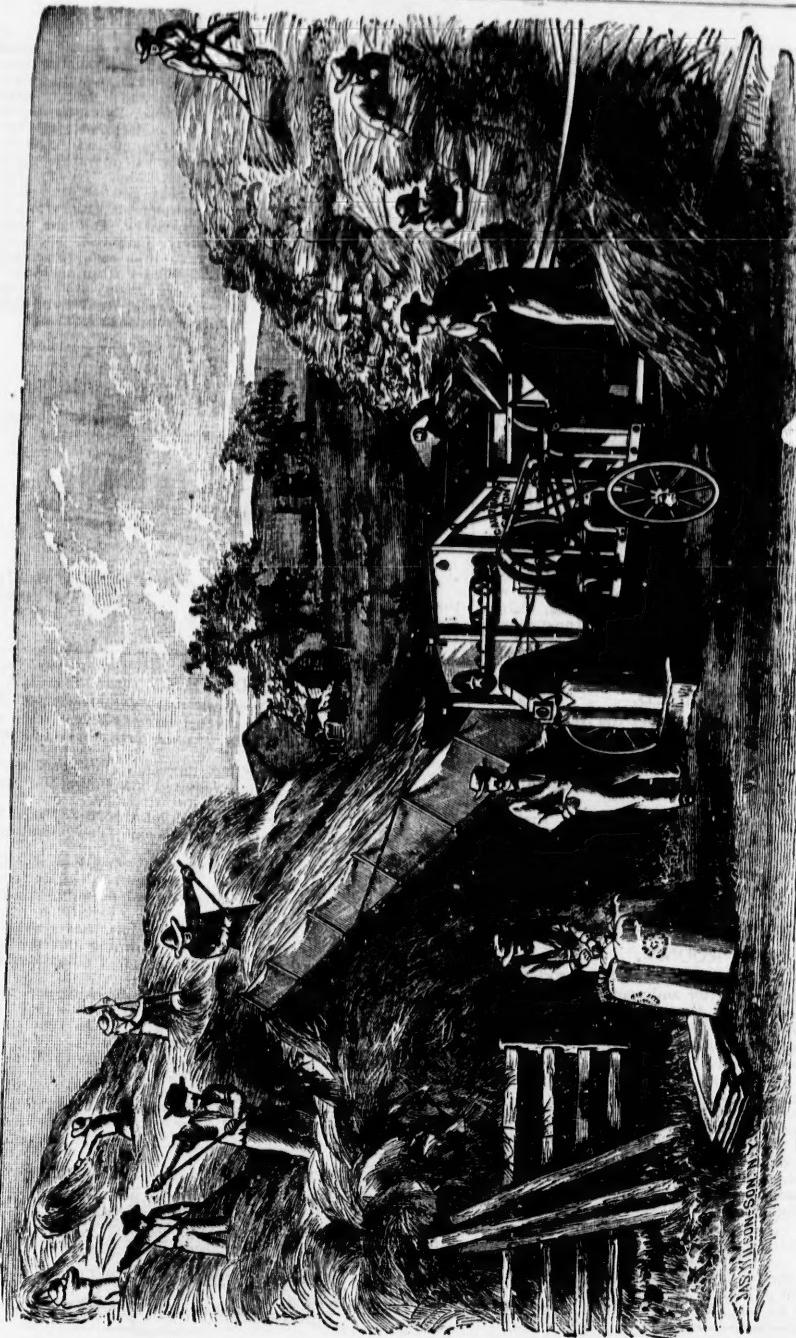
With the New Model, when specially ordered, we also furnish other appurtenances that are required in certain localities, such as baggers and a patent lateral swinging stacker. These are described elsewhere.

The painting and finish of the machine never fails to elicit the most hearty encomium. Nothing but the best material is admitted into the construction of either working parts or frame.

When in full operation it is free from knocking and jar of any kind. Its smooth, quiet running is often a marvel to those who witness the strong flow of grain which it is capable of saving and pouring forth incessantly.

We will only add that the New Model, though it is the newest system of threshing in use, is made by the oldest and most successful house in the business. It is believed to be what it ought to be, viz., the most rapid, economical, and durable grain and seed saver and cleaner in existence.





### MILLER'S NEW MODEL VIBRATING THRESHER AT WORK.

The original, or pencil sketch, of the above was made on a farm near Canton. The ordinary staker is shown. With our new Swinging Stacker we furnish when specially ordered.

C. A.

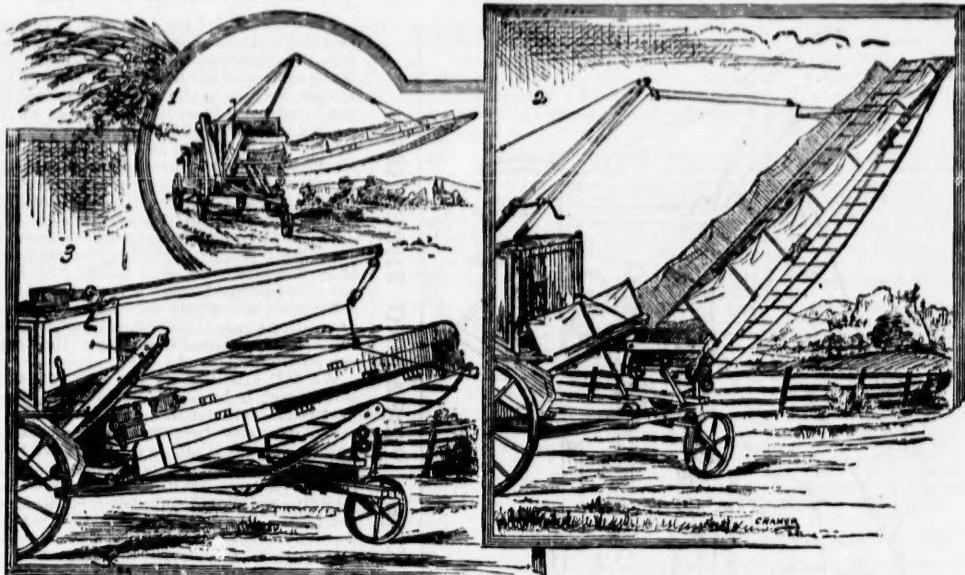
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# MILLER'S NEW MODEL VIBRATING THRESHER AT WORK.

The original, or pencil sketch, of the above was made on a farm near Canton. The ordinary stacker is shown. With our new Swinging Stackers the strawhands are dispensed with. The above cut gives a view of our new Grain Bagger and Register, which we furnish when specially ordered.



### OUR PATENT SWINGING STACKER.

#### C. AULTMAN & CO'S PATENT SWINGING STACKER.

The thresherman who includes in his outfit not only a New Model Thresher and a Monitor Traction Engine, but also one of our Patent Swinging Stackers, may pride himself on having a grand labor-saving rig, as well as a most splendid grain saver. In actual operation, our new Lateral Swinging Stackers will stack all the straw threshed in one day with very little other assistance. One or two men can aid in giving shape to the stack—sometimes none at all, as suits the fancy of the farmer. The stack has a shape that is semi-circular, and well fitted to protect stock in winter.

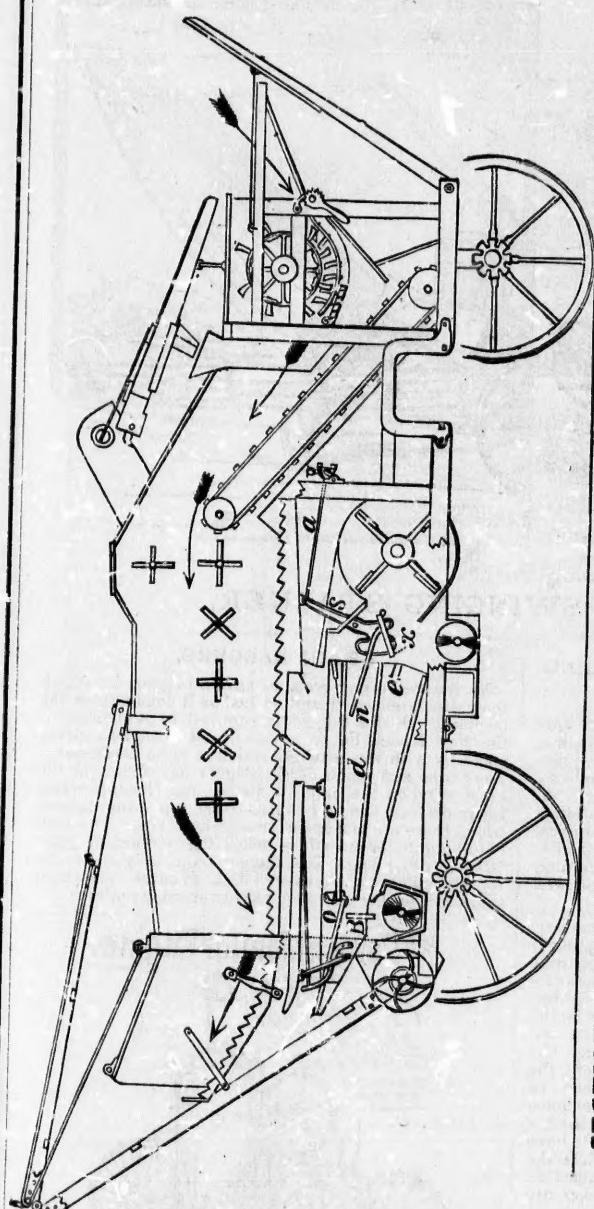
We are aware that there are other Swinging Stackers, and that the claims made for them are very comprehensive. We are very sure, however, that a comparative examination will convince the inquirer of the superiority of our Stackers in many important respects. It is lighter, simpler, and far less cumbersome than the other Swinging Stackers. The front end of our new Stackers is attached to and carried by the rear end of the separator. The rear is carried on only one castor wheel; therefore, the Thresher, with Swinging Stackers attached, can be turned or backed with as much ease and convenience as the Thresher alone. Persons who have used a Stackers which is carried on two or four wheels have had vexation enough in this respect to appreciate the convenience of our method of transport. The important characterizing features of our Swinging Stackers are patented.

No. 1, on the above cut, shows the Stackers ready to begin stacking at side of the machine; No. 2 shows the Stackers swung around to rear, and elevated so as to top out stack; No. 3 shows the Stackers folded and ready for transport.

#### GRAIN BAGGERS.

Many threshermen wish to have a Bagger, by which the grain is elevated and sacked as it comes from the machine. Such a Bagger is supplied to purchasers of the New Model, but it is extra, and must be ordered specially with the machine which it is to accompany. The shape and place of the Bagger are shown in the illustration on the opposite page. An elevator raises the grain from the grain spout to the top of the Bagger, where there are places for two sacks. When one sack is full a gate, or cut-off, switches the stream of grain into the other bag. This Bagger keeps tally and registers the number of sacks on a dial. It can be placed on either side of the thresher, as convenience requires.





SECTIONAL VIEW OF MILLER'S NEW MODEL VIBRATING THRESHER.

#### OUR PIVOT SIDE-GEAR.

The New Model for 1884 will have our patent Pivot Side-Gear, which years of use have demonstrated to be much superior to those used on other machines. The cylinder shaft works in slotted boxes, so that it can be adjusted from side to side, so as to control the action of the cylinder and concave spikes as readily as is done in the belt machine. This advantage is possessed by no other machine.

With this side-gear the machine is easily and quickly changed from geared to belted, or the reverse. It has a strong iron frame, affording a strong, unyielding foundation. It is provided with steel shafts, running in self-adjusting boxes. They are held by set screws, and adjust themselves, always presenting straight and smooth surfaces to the journals. These boxes are of the best composition material.

We call attention to the fact that the slower gear is bevel, while the fast gear, next to the cylinder, is spur.

We can also furnish to those whose powers require a single gearing next the cylinder, a substantial bevel side gearing for that purpose. With this side gear the tumbling rod should make 96 revolutions to one of the horses. Only furnished when specially ordered. We also furnish a three-hitch gear when specially ordered.

#### The New Model is not liable to be Over-crowded or Choked.

When we say that all other threshers of the Vibrator type are liable to be choked in fast threshing, we merely state what must be the conviction of every one who has been a disinterested observer. This choking or liability to over-crowding of the parts which should be free to do the separating, entails a serious loss of time and grain. It is very objectionable. Various expedients, more or less temporary, have been resorted to in order to cure this defect. Revolving beaters behind the cylinder have been introduced by some machines, and others have tried forks or rakes. Neither one nor the other has succeeded.

This difficulty has been entirely overcome by the New Model, but not by a resort to any of the expedients referred to. The mechanism of this machine, behind the cylinder, differs from that of all others, and is characteristic of the New Model alone in the whole Vibrator family. We refer to the introduction of the short grain web, which, besides aiding materially in both separating and saving grain, carries all the threshed grain and straw quickly away, leaving the cylinder always clear and free to perform its functions without danger of obstruction. The straw is worked off by a positive motion from the cylinder until it reaches the stacker, just as certainly and completely in fast threshing as in slow threshing. This much cannot be truthfully said of any other Vibrator. The excellence and superiority of this feature is insisted upon in terms of most hearty commendation on every hand.

## IDE-GEAR.

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## THE NEW MODEL IN FLAX AND OTHER SEEDS.

Probably no machine of any kind ever gave to those who used it more complete satisfaction than the New Model, as a flax thresher, during the past season. Below we print some letters which will be of interest to expecting purchasers of threshers in flax-growing regions. We never have asked any patron for a flax testimonial. The conduct of the machine in flax is, as the reader will observe, generally alluded to incidentally. This kind of voluntary testimony ought to, and, we think, will have great weight. From the large number of letters we have on hand we select a few, more with reference to locality than to any special commendation of our machines contained in these over those which are excluded for want of space:

C. Aultman & Co., GRAND CAYENNE, La., October 8, 1883.

Dear Sirs—I wish to say a word for the New Model I bought of you. I am proud to say that it is the best rice thresher ever introduced in the rice districts of Louisiana. It breaks the least grain and cleans more perfect for market, and threshes as fast as any machine I ever saw. I am getting nearly all the threshing in my section owing to the good quality of my work, and that when most of other machines are idle.

Yours truly, GEO. W. LEE.

LONG RUN, JEFFERSON CO., KY., September 10, 1883.

Messrs. McGill & Truman.

Dear Sirs—I received your letter on the 7th. I have used your No. 7 Miller's New Model Thresher, and it has given entire satisfaction. The people of this State are well pleased and they say they never saw a better machine. And as for its work I can speak for I have been experienced in machinery for eight years, and never have had any one that could equal it for threshing. It has no faults. It does the best work in orchard grass that I ever saw; and also in other grain. There were other men using different machines, but they would say that the Miller's New Model cannot be equaled. I am using it with a 12-horse power, and in damp straw. I never saw it choke. I venture to say that you cannot choke it, and it is impossible to rush the wheat over with the straw. It cleans well and does well in every respect. In short, it has done all you said it would do.

Yours truly, W. R. PROCTOR.

PROVO CITY, UTAH CO., UTAH TERRITORY, October 22, 1883.

C. Aultman & Co.

Sirs—We bought this season one of your New Model Vibrators. It has given the best of satisfaction. Every one that has seen it work has been well pleased with it. We have been crowded to death with work ever since we started, and have threshed 13,000 bushels of grain with it. It is the boss thresher and save, in lucern seed. We don't think it can be beat. We threshed over 400 bushels of lucern seed.

Respectfully yours, E. E. JONES.  
WM. GAMMON.

KELLOGGVILLE, ASHTABULA CO., OHIO, November 1, 1883.

C. Aultman & Co., Canton, Ohio.

Sirs—I purchased, in 1881, one of your steam threshing rigs; an 8-horse Monitor Engine and No. 7 New Model Thresher, which I run two years to my full satisfaction. As to the thresher, it can't be beat in any kind of grain. There are no windings, no clogging of sieve, in fact, if a man will do his duty the thresher will do here every time. As to the Engine, it will do all you claim for it. This fall I sold my plain engine and bought one of your 10-Horse Traction Engines with iron tank, still running the same thresher which runs as well as ever. By using the cart tank I can couple up short enough to turn any corner I am likely to find. There are nearly all kinds of machines run in this vicinity, but I placed my rig in the front rank, and propose to keep it there as long as it behaves itself as well as it always has.

Yours truly, A. B. BENJAMIN.

J. P. Byerly, Esq., PLANKINTON, D. T., September 1, 1883.

Dear Sir—Yours of the 30th August at hand and noted. In reply would say that I think I can close out this machine O.K. The one I started out is giving the best of satisfaction—400 bushels of flax per day, and 2,500 bushels of oats is not a big day's work for her. Tell you we are boss threshers down this way, and if you don't think it is, just drop down and see us. I may be able to sell one or perhaps two more, because this one is getting up a reputation among the farmers, and they all want it.

Truly yours, W. C. GRANT.

NORTONVILLE, KAN., August 24, 1883.

C. Aultman & Co., Canton, Ohio.

Dear Sir—I have run a threshing machine since the year 1874, and have used the Massillon apron and New Massillon, and find them badly beaten on flax, and, in fact, on everything else. I can thresh more grain and clean and save more grain in the same given time with the 30-inch New Model that I have than any machine that I have ever seen. I have just finished 160 acres of flax, on the farm of Joseph Dede. That made 1,800 bushels. I threshed the same with the best of satisfaction to all parties, and without clogging the riddles once, which no machine has yet been made to do. I will bet any man \$10 that runs a New Massillon that he can't thresh 100 bushels of flax, and clean the seed fit for market as I did the 1,800 bushels of seed, that only lost two per cent. The 10 Horse Traction Engine is all that any man can ask for, and is always ready and

willing to do the work that horses used to have to do in threshing. My candid advice to those intending to buy or have threshing done, is buy or use a New Model and Canton Monitor to do your job, and you will be sure to get your grain clean from the straw, and cleaned ready for market in whatever condition it may be in. Buy it. It will do you good and save your grain that you have worked so long and hard for.

Yours truly, JAS. W. RUSSEL.

UTICA, MINN., September 6, 1883.

Messrs. C. Aultman & Co., Canton, O.

Dear Sirs—Having purchased one of your Monitor Traction Engines and New Model Vibrator Threshing rigs, we take pleasure in adding our testimonial in its favor. The entire rig, both Engine and separator, is highly satisfactory in every respect. We threshed for C. W. Morgan, near here, 7,000 bushels of grain from the stock in five days, and could have done it in still less time if they had gotten it in as fast as we wanted it; 3,000 bushels of it was wheat, 900 bushels oats, and balance barley. The New Model Vibrator does equally well in timothy and flax. The engine is easily fired, gives plenty of power, and the motion not used on the Monitor we like the best of any we have ever examined. We think you have got to the top round of the ladder in steam threshing rigs. Don't see what you can add to better that kind of machinery. It is good enough.

Respectfully yours, GEO. BARTLETT.

C. A. EARSLEY.

PLEASANTON, KANSAS, August 20, 1883.

C. Aultman & Co.

Dear Sirs—We will add a few lines in your testimonials by way of comment on your New Model Thresher. We think it is, in every respect, a complete success. Having been threshermen for several years, and having worked with various other machines, we can say that we have never worked with a more complete thresher. It always pleases all our customers. We can thresh flax without difficulty. The cage sieve is what pleases the farmers. We are masters of the situation. We worked with three steamers (Nickels & Shepherd) last fall, but this year they seek other pastures and give us the field. Two more of your machines that are within two miles of our home are giving splendid satisfaction.

Yours truly, COUTTS BROS.

GRUNDY CENTER, IOWA, November 13, 1883.

Messrs. C. Aultman & Co., Canton, O.

Gents—I bought of your agent, Mr. Geo. F. Wass, of Grundy Center, Iowa, in 1882, one of your New Model Threshers and have run it two falls, and will say that we have threshed for the last eight years, and run a good many different makes of threshers, and the New Model beats them all for fast and clean threshing, perfect separation, and fine cleaning. For grass seed and flax it far excels anything we have ever run or seen run; in fact we think it the best thresher made, and would advise any one in want of a first-class thresher to ask for the New Model and take no other. We have got one cent more per bushel flax that we have threshed, both falls, than any other thresher in our part of the country, on account of its fine cleaning and saving of grain.

CLASS AREnds.

HEIL JACOBS.

GRUNDY CENTER, IA., November 13, 1883.

Messrs. C. Aultman & Co., Canton, O.

Gents—I have been running one of your New Model Threshers sold by Geo. F. Wass, of Grundy Center, Iowa, and would say that I think that it is the cleanest machine that I ever run with, also most durable, and sets the steadiest of any machine that I ever run with or run saw. It cannot be beat in any particular. I would recommend it to all in want for a first-class thresher for all kinds of grain and grass seeds and flax. I have threshed for the last eleven years, and run almost all of the different machines made. Respectfully yours,

M. B. WASSON.

WELLS, MONROE CO., WI., November 10, 1883.

Dear Sirs—We, the undersigned, farmers of Monroe Co., Wis., employed Mr. George Grey the past season to do our threshing with his New Model machine. I don't the best work we have ever had done for us, or seen done for any one else in this country, and think that it is a thresher, separator, and cleaner it has no equal. It done equally good work in wheat, oats, and flax. It is bound to take the lead here.

JAS. WELLS. R. E. HYOTT.  
GUSTAV KOWITZ. MICHAEL SHERITEL.  
PETER WEINER.

C. AULTMAN & CO., STEAM THRESHING MACHINERY.

THE NEW MODEL CLOVER HULLER ATTACHMENT.

On another page we have spoken briefly of the New Model as a Clover Huller and Cleaner. There is probably not a machine made, whether as an attachment or as an independent huller, that will perform this troublesome task with the same rapidity and thoroughness as the New Model, or that will clean as well and bruise so little of the seed. In the letters printed below are given the experiences of some of the owners of our machines in their own words:

BELLEVUE, OHIO, November 12, 1883.  
C. Aultman & Co., Canton, O.

Gentlemen—I have been using one of your New Model, No. 9, Separators for the past three years. The more I use it the better I like it. I have threshed upwards of 125,000 bushels of grain with the Separator, and have never heard one word of complaint from my customers about wasting their grain. I can thresh—and do good work—1,000 bushels of wheat, or 1,800 to 2,000 bushels of oats in a day. I have threshed this fall, in 40 days run 31,499 bushels of wheat, oats, and barley, which is more than has been done by any other two machines in this vicinity this fall.

We have run the clover attachment every fall, which gives good satisfaction also. We hulled 23 bushels of clover in three and three-fourths hours from 10 acres. I would not give the New Model for any other Separator I ever saw work. Have had 21 years' experience at threshing. I have sold three of your New Models this fall, and all gave the best satisfaction. Wishing you success.

I remain, yours respectfully, C. H. SMITH.

C. Aultman & Co. DAVISVILLE, MD., September 28, 1883.

Dear Sirs—I purchased one of your New Model Threshers of your agent, S. Griffith, and it was started in clover seed, by W. H. Hinson. I must say that I am more than pleased with its work. It threshes and cleans the seed well. It is all you claim it to be.

Yours respectfully, JOSEPH H. NEAL.

C. Aultman & Co. WOODDOCK, CRAWFORD CO., PA., November 7, 1883.

I bought one of your 8-Horse Monitors of your agent, G. D. Hickernell, at Saegerstown, Pa. I have run it three seasons threshing, and six months on a hay press. It has cost me very little for repairs. I threshed 30,000 bushels each season, and 800 bushels of clover. She is a captain. A. J. FLAUGH.

C. Aultman & Co., Canton, O.

Dear Sirs—The New Model Vibrator Thresher we bought of your agent, John Snyder, Brush Creek, Pa., gives entire satisfaction. All the farmers say our New Model does the best work they ever had done by any thresher heretofore. We also got a clover-seed attachment which does as much work, and cleans the seed as well as a regular clover huller that costs \$500. Now our attachment only costs \$50, which we carry right along, and when we come to a farmer that has a little clover, we hull it for him, which don't take any longer time than if we would run the same amount of straw through the machine, and the farmer has his clean seed in his sack, and men don't suffer all day with the miserable dust. This attachment is worth its weight in gold, and costs only \$50. Threshermen can't do without this attachment. We would advise all who are going to buy a thresher, not to fail to buy the New Model. It is the best grain saver, and the fastest thresher in the market.

Yours respectfully, BOTT & ZAHN.

HARTLEY, YORK CO., PA., September 14, 1883.

Messrs. C. Aultman, Canton, O.

Gents.—The Canton Monitor Engine and New Model Separator I bought of Mr. C. N. Owen, general agent, Mechanicsburg, Pa., last July, has given the best of satisfaction to farmers and to us. We threshed about 20 M bushels of grain and hulled the contents of 1,400 acres of clover seed, and every body was highly pleased but one man, but that was no fault of ours, nor the machine's. (The Giver of all things did not see any necessity of providing his crop with any seed, so he found it, after threshed, same as before, but still blamed the machine.) We could not keep pace with half of those who wanted us to thresh, and that while other machines were idle. We cleared a clear of expenses, twelve hundred dollars, and, to my knowledge, hadn't a cent's worth of repairs excepting an engine grate, which was our fault. This year there are just four Monitor Engines and five New Models in this district, and they cannot begin to do all the work. Three more machines will not do all the work that the New Model is to do; while last year, when I got mine, I was disgusted. Farmers all told me I would not get any work; it was a wrong step. Also as a huller, it could not make the work, as it was not built for it. The work now shows, and no regular huller can get work through here. There are two Victor hullers here, and they will not be taken off their roost. The Canton Monitor is too well-known to require saying anything about.

Yours respectfully, J. D. HEREST.

NORRIS CREEK, LINCOLN CO., TENN., November 7, 1883.

C. Aultman & Co., Canton, O.

Gentlemen—We bought through your agents, Baird & Robertson, Fayetteville, Tenn., one of your 24-inch New Model Threshers, and have run it two seasons, and we have this to say. It

beats them all for fast threshing and cleaning, and ease of management. We also bought one of your Clover Hulling Attachments, and it is a perfect success. We hulled 3 bushels and 8 pecks in 32 minutes. Our machine is driven with a six-horse engine.

Yours truly, WRIGHT & STEED.

FANNETTSBURGH, FRANKLIN CO., PA., August 27, 1883.

C. Aultman & Co. DEAR SIRS—I got one of your machines the 23rd day of November, 1882, and have been threshing with it. I have now threshed 3,500 bushels this year. I had three other machines, and this is the best one I ever had. I would not have any other one for my use. For all kinds of threshing, wet or dry, wheat or oats, and for seed hulling it can't be beat; and is more easy to work with. I claim that it is the best one that I ever had.

Yours respectfully, ADAM FLEAGL.

MECHANICSBURG, PA., November 29.

C. Aultman & Co. ONE of our New Model Combined Threshers and Clover Hullers has just finished threshing my wheat and hulling my clover. As a grain thresher it is perfect, and as a clover huller excels any regular huller I have seen. It hulled 54 bushels in a little less than ten hours. The Monitor Engine is also a grand success.

P. M. BOYER.

FLEMING, OHIO, November 10, 1883.

Messrs. C. Aultman & Co. THE 12-Horse Traction Monitor Engine and 33-inch Miller's New Model Vibrating Thresher that we bought of your agent, James Nye, at Marietta, Ohio, last year, have given satisfaction in all respects, as well in clover as in other grain. It threshes faster and separates better than any other machine in the country. We have threshed as high as 800 bushels of wheat in one day.

One day we were threshing wheat from stacks that was wet. Some of the hands replied that we were not threshing any faster than a horse power machine. We finished the wet wheat by noon and went into dry wheat in the afternoon. We thought we would show them that we could thresh a little faster. We then commenced and threshed 88 bushels of wheat in 30 minutes. We would have threshed 20 bushels more in the same time if it had been brought to the machine.

We have run four different kinds of machines, but we find the Miller's New Model Vibrating Thresher to be the boss of all in fast threshing, thorough separating, and good cleaning.

In regard to the Traction Monitor Engine we would say that it will pull the entire rig over all ordinary roads without any trouble, and would run two separators at the same time. We advise all parties wanting a threshing rig to buy the Miller's New Model Vibrating Thresher and the Canton Monitor Engine from C. Aultman & Co. We have had reason to know that there is no other firm in the country that will deal more honestly than the firm of C. Aultman & Co., of Canton, O. We can give you more testimonials if desired.

Yours most respectfully,

DANIEL MARSH,  
CHARLES SCHIMMEL,  
PETER LAUER.

GREENFIELD, HIGHLAND CO., OHIO, November 5, 1883.

Messrs. C. Aultman & Co. GENTLEMEN—At the request of your agent at Greenfield, John F. Waddell, I give you the following relating to the No. 9 New Model Separator purchased from you: The Separator has given me entire satisfaction, after using it for two seasons. Having used several other makes of separators, and having had several years of practical experience in threshing grain and clover seed, I unequivocally and cheerfully say it is the best machine I ever owned. Then my customers, for whom I thresh, are all well pleased with its operation, and well they should be, as I honestly believe it saves enough grain over other machines I have used to pay for the threshing.

I would buy the No. 9 every time.

JONAH SLOANACRE.

LAGUARDIA, WILSON CO., TENN., November 28, 1883.

Messrs. C. Aultman & Co., Canton, O.

We bought of your agent, W. H. Brown, Gallatin, Tenn., one of your No. 7 New Model Threshers and Clover Huller combined, this season. We freely say it is far ahead of any thresher that we have ever seen in its capacity for cleaning grain and clover. It is the lightest running thresher in the market, in fact in nearly all of its parts, as there is but little or no friction from its slow but effective motion, doing its work perfectly.

Yours truly,  
R. M. PYBUS.  
J. Y. NORTHERN.

C. Aultman & Co.

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**RIGHT & STEED.**  
August 27, 1883.

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**ADAM FLEAGL.**

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## C. AULTMAN & CO., STEAM THRESHING MACHINERY.

13

### CANTON MONITOR ENGINE TESTIMONIALS.

BRUSH CREEK, PA., November 21, 1883.

**C. Aultman & Co.**

Dear Sirs—We bought one of your 12-Horse Plain Canton Monitor Engines of your agent, John Snyder, Brush Creek, Pa., last January 1883 to run a saw-mill. We are glad to say that the engine gives us plenty of power, and does all you recommend it to do. Our timber is all hard oak, which we can saw from three to six thousand feet per day, it just depends on the kind of logs and the number of hands we have. The engine gives plenty of power to run right through an oak log without stopping. We can say this rig is one of the best portable rigs now offered to the trade, and we would advise any one that wishes to invest in a portable mill to buy no other, as it is no trouble to move. We can load the whole mill on a common farm wagon in thirty minutes, and be ready to move. It don't take us a week to move this rig, but we can pull up in the morning and move five or six miles and set and be ready to saw the next day. We can afford to set for 100 or 200 logs, and make a pay. This is the kind of a rig to buy, which don't take all you make to move it.

Yours respectfully,

CHARLES CUNNING & CO., Brush Creek, Pa.

GALLATIN, SUMNER CO., TENN., November 22, 1883.

**C. Aultman & Co.**

Gents—We bought of your agent, W. H. Brown, Gallatin, Tenn., one of your 10-Horse-power Traction Engines in September, and are as well pleased with it as we possibly could be; would not give it for any make of engines; could not be better pleased.

Respectfully,

BABER & DOUGLASS.

BARNESVILLE, BELMONT COUNTY, O., November 14, 1883.

**C. Aultman & Co., Canton, O.**

Gentlemen—We purchased the engine of Blowers, Smith & Bundy. We have been using your Canton Monitor Ten-Horse Engine the past season, and can freely say that it is ahead of any thing we have seen in the way of a traction engine, especially on rough roads. We can go anywhere that you can take an ordinary two-horse wagon. Very truly, A. E. DOUDNA.

F. W. BUNDY.

GREENWOOD, MICH., August 31, 1883.

**C. Aultman & Co., Canton, O.**

Gents—Ten years ago we bought a sweepstakes thresher of you which we have run every season since, and the machine is still running and doing first-class work.

Five years ago we bought another "sweepstakes," and it proves as good as our first purchase—both doing fast, clean work and pleasing every customer.

Five years ago we bought a No. 12 Canton Monitor Engine, and three years later a second Canton Monitor, and they have given us the best of satisfaction. They are quick set, easy to fire, and never lack steam or power. We have recently added to our stock of Monitor Engines a No. 16 Horse-power for saw-mill purposes, which also proves satisfactory. We would candidly say to every thresherman, if you want the best threshing outfit in this or any other country, buy a "rig" of C. Aultman & Co.

ANDREW LOHR & SONS.

MAXVILLE, JEFFERSON CO., MO., November 6, 1883.

**C. Aultman & Co.**

Sirs—I purchased through your agent, W. J. Kirby, at Maxville, Mo., one of your 10-Horse Traction Monitor Engines to run one of your old No. 5, 33-inch cylinder, Sweepstakes, which I have been running for the last five seasons, and which does as much and as nice a work as any machine of its size and capacity to this day. Your Traction Monitor certainly beats anything in the steam power line. I have pulled over the steep hills of Jefferson county the water wagon and separator without any inconvenience. It uses less fuel, and can raise more steam in a short time than any steamer I know of. Threshing with it for the last two seasons, I have not been delayed a moment on account of steam, and no repairs yet, so far, except for a couple of water gauge glasses. I would not give it for any horizontal steamer I know of.

Yours respectfully,

LOUIS FREDERITZI.

EATON RAPIDS, MICH., June 4, 1883.

**C. Aultman & Co.**  
Messrs.—I wish to say to you that the 10-Horse Traction Engine, No. 1582, that I purchased of you through your agents, Messrs. Brown & Myers, of Jackson, Mich., has given perfect satisfaction to me and all that have been in any way concerned with its work. I have handled several other engines and most emphatically say that I would not trade for any 10-horse plain engine in the world and \$500, for threshing purposes.

I only used one span of horses threshing. Also I have saved 150,000 feet of oak timber with her and one of Messrs. Chandler & Taylor's sawmills of Indianapolis, Ind.

Tell the boy... the man that buys a plain engine to thresh with fools him... and the ones he works for. Everybody waits for the Traction and one team rather than to feel two extra teams and wait for the boys to fire up after they get there.

Yours respectfully,

H. F. HATHAWAY.

**Messrs. C. Aultman & Co.** WITTENS, O., November 10, 1883.

Sirs—The engine I got of you last spring has given entire satisfaction, and does more than what she was represented to me to do. I took the engine as soon as she was delivered at my house and went wherever I wanted to with her, and I never had any experience in machinery. I could go up any hill with the Separator attached. This is all the engine of the kind in this section of country, and it raised quite an excitement in the neighborhood.

Yours truly, M. MERCKLE.

BELLE PLAINE, IOWA, October 2, 1883.

**C. Aultman & Co., Canton, O.**

Gentlemen—I have thoroughly tried my Monitor Engine and am pleased to report that it exactly fills the bill for a Threshing and Traction Engine. The engine is easily managed, and quickly set. In this it is far superior to all others. Any man with good common sense can run this engine without any trouble. The Independent Steam Pump is a splendid thing. Pulls water tank and separator with ease.

Yours very truly, C. W. PAGE.

WASHBURN, ILL., August 23, 1883.

**C. Aultman & Co., Canton, O.**

Gentlemen—I bought last year of your agents, Stenger & Sharp, works to a charm. I could not wish for it to do better. This makes 27 days that I have run this season without stopping at all. The engine being upright it runs as steady as a clock. The boiler has never leaked a drop. Yours respectfully, B. F. FEAZEL.

Yours respectfully,

NIMISILLA, SUMMIT CO., OHIO, February 12, 1883.

**C. Aultman & Co., Canton, O.**

Gentlemen—I have been using one of your 8-Horse Monitor Engines since 1879 in running a thresher and sawing lumber. Last week, in short days, I cut 2,600 feet of lumber in a day, running a 60-inch saw, ¾ feed, and can run right through any log. I run with it, also, a 54-inch saw. Last summer I cut regularly from 2,500 to 3,500 feet per day. WILLIAM CALL.

**Messrs. C. Aultman & Co.**

EASTON, MD., April 29.

Your agent, Mr. Matthews, was here to-day and asked me to write a few lines, stating how much I have done with my Canton Monitor Engine this last season; I threshed about 12,000 bushels wheat, hulled about 400 bushels clover seed, shelled about 20,000 bushels corn, and traveled about 400 miles with the Monitor Engine. Was running all winter, when the weather was fit to run, and never stopped on account of bad roads. Went through some bad places and up and down some big hills. I threshed in Island Creek Neck, Oxford Neck, Little Neck, Bamberg, Boiling Brook Neck, Bailey's Neck, Edmondson's Neck, near Hole in the Wall; in Bay Hundred, on the other side of St. Michael's, in Miles River Neck, in Goldsboro Neck, on the Squaw Farm, near Wooden Hawk Bridge, near Dover Bridge, and near Long Woods. All these above places are in Talbot County. Last March I was up to Queen Anne's County and threshed for Dr. Cross, Mrs. Rhoads, and others; when we were on our way home we stopped in Skipton to take dinner, and met a man who asked me if the Monitor Engine could pull as much as ten horses. I told him that if he would get ten good horses and hitch them behind the Monitor Engine, on good dry roads, I would take my horse away and let a man take the tongue, and if I could not pull his horses, would give him the Engine; but, if the Engine pulled the horses, I would have to have them. Am not afraid to try it at any time when it will not interfere with my work. Any one who wishes my Engine on the above terms can have a trial for it, but I want all good horses to pull for it, Engine for horses.

Yours respectfully, N. C. RITTENHOUSE.

N. B.—Mr. Rittenhouse uses but one horse, in shafts, to guide his Monitor Engine.

**C. Aultman & Co.**

NINETY-SIX, S. C., April 12.

The 8-Horse Monitor Engine and Improved Thresher bought from you has proven to be as near perfect as human ingenuity can make it. I have run the Monitor this season without a moment's lost time for breakage, or being out of fix. Your Torent Pump never refused to work, not even for a minute, during the whole time I have run it. It uses less wood and water than most engines, and runs very easy.

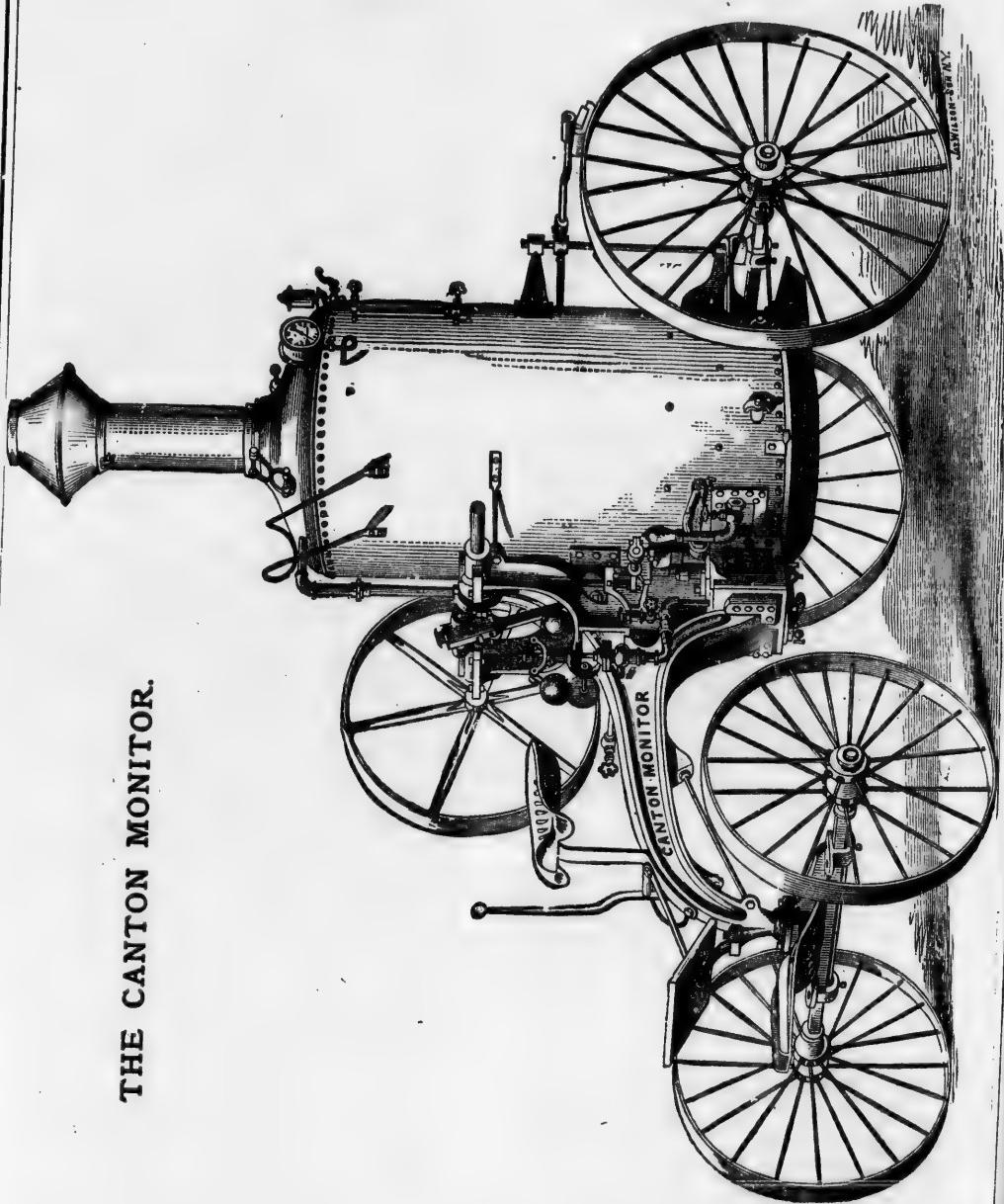
J. N. KING.

MINONK, ILL., September 3, 1883.

**Messrs. C. Aultman & Co., Canton, O.**

Gents—in response to your agents, Messrs. Stenger & Sharp, I herewith write a few lines in behalf of the Canton Monitor. I, as engineer, am running one of the Canton Monitor Traction Engines for Mr. Hock, and will say the Monitor has no superior. It uses less fuel and water than any engine I ever saw run and do the work it does. I ask no man to take my advice, but will say if he wants a good, durable, easily managed, and ever ready farm engine, buy no other but the Canton Monitor and you will never have cause to regret your purchase, as it is the farmer's friend.

Truly yours, JOSEPH E. HOLCOMB.



THE CANTON MONITOR.

## THE CANTON MONITOR ENGINE.

The use of steam power by farmers has received a great impulse within the past few years. The advantages of steam had long been apparent, and the farmer only awaited the moment when the mechanic would give him engines at once safe, simple, easy to handle, portable and economical, to avail himself of them with eagerness. The first attempts in this direction met with small success. The horizontal style, while it answers well for stationary and railroad purposes, was little adapted to the ever-varying conditions and requirements of the farmer. It was too complex, both in mechanism and manipulation, besides being much more heavy and less safe, and far less economical than our upright Monitor, which has met with a welcome and an appreciation by farmers which leaves nothing to be doubted in regard to its superiority for agricultural purposes.

No machine has been more admired by the public and none has given better satisfaction to those who have used it than the Monitor Engine. At the Paris Exposition the highest honors awarded to any machine of its class were bestowed upon the Monitor. The highest honors have been uniformly awarded to the Monitor. It received the grand gold medal offered by the Pennsylvania State Fair, September, 1880, this being *the highest prize awarded to any agricultural machine* at that important contest.

Committees composed of master mechanics and of the first steam experts in the country concede the superiority of the Monitor for agricultural uses in terms of enthusiastic eulogy. This success is largely due to its upright form, which saves the boiler crown sheet from exposure, and the engine bearings from wear. The boilers are

DOUBLE RIVETED, and tested to 200 pounds cold water pressure. The flues are the heaviest made, amply protected, and being vertical, are easily kept clean. STEEL is used for crank shaft, connecting rod, cross-head and piston, eccentric and pump rods—in fact, all the working parts are steel. The Portable and Traction Monitor is the safest engine; the most powerful in proportion to its weight; the easiest to handle and run; the quickest to get up steam; the quickest to set for work; the most economical of water and fuel; has the best draft; the best spark arrester; is the handsomest, strongest, and safest in all respects.

We hear of the completely successful employment of the Monitor in running threshers, cotton gins, clover hullers, feed cutters, cheese factories, saw mills, cane mills, hay presses, corn shellers, and all farm operations requiring power.

The shape and mounting of the Monitor at once suggests the well known form of the fire engine—a shape that is best adapted to the quick production and steady retention of steam power with the smallest fuel consumption. Also the most convenient, and by far the safest, and best adapted to portable uses. It is largely owing to the presence of these qualities that the Monitor is getting to be every year more and more preferred to the horizontals. Its superior safety can be appreciated by the fact that its depth of water over its crown sheet numbers as many feet as the horizontal's does inches. The day cannot be far distant when horizontal farm engines will be just as rare as horizontal fire engines are at the present time.

## THE ENGINE.

The place of the engine will be seen by the cut. It is constructed on the upright plan, and is not affected by the heat of the boiler. Owing to the movement being *up and down*, there is no weight nor perceptible wear on the Piston, Slide Valves, or their connections. The *back and forth* movement of the "horizontal" pistons wear the cylinder oval-shaped, necessitating a very costly repair bill. This is entirely obviated by the Monitor.

The Main Driving Shaft, or Crank Shaft, is made of *steel*. The Connecting Rod is made of *steel*, and its boxes are made of the best gun metal that can be procured.

The Cross-Head and Piston are made of *steel*, and are always reliable.

The Eccentric Rod is also of *steel*. In fact, no wrought iron is used in the working parts of the Monitor. The journals are larger than in other engines, insuring steady running and durability, and preventing the "pounding" incident to engines whose bearings are frail. Each and every journal and wearing part upon the Monitor is made adjustable, so as to take up any wear that may occur.

The Packing Boxes upon the cylinder, steam chest, and pumps are of the most improved patterns. Their upper ends are "cup-shaped," and the retention of oil and condensed steam in these cups keeps all these points well and constantly lubricated.

The supply of water for the Monitor Boiler is assured by an independent steam pump, which forces in what water may be needed, whether the engine is running or not.

The Steam Chest is placed on one side of the cylinder, which is well jacketed to prevent loss by condensation.

The Slide Valve and Steam Ports are made that size and shape which numerous and thorough experiments have demonstrated to be the nearest perfect.

Our Slide Valve is now made with an extra, renewable seat. The face on which the valve works is bolted to the cylinder, and can be taken off for redressing, or renewal.

The Heater is easily taken apart and cleaned and drained in every part.

Knowing that an inefficient Governor is quite as bad as none, much care has been taken in selecting Governors for the Canton Monitor. They are set to run a given number of revolutions but can readily be changed to speed the engine at the number that is best adapted to the work in hand.

In addition to the Brass Oilers for important bearings, we now furnish a new Automatic Oiler for cylinder which is an improvement on all previous methods of oiling that part of the engine. The arrangement is such that, at every stroke of the piston, a small quantity of oil is taken in by the steam and carried forward and distributed against all the bearings of cylinder and steam chest, thus keeping the same evenly and thoroughly lubricated, and preventing any waste or wear of those important parts.

Brass Stop Cocks are placed at all points upon the engine and connecting pipes, and every particle of water is quickly removed, so that none need be left in cold weather to freeze and multiply the causes of danger and breakage so frequently found in the products of other manufacturers.

The Governors, Steam Gauges, Safety Valves, etc., are each *thoroughly tested* and known to be correct before being used, by special devices procured at great expense for that purpose.

The Wheels—excepting the hub—and the axles are made entirely of *wrought iron*. These Wheels will stand the heat, and will last longer than any wooden wheels that can be made. The truck is provided with Patent Steel Springs, fastened down when at work, and which take the jar from the machine while on the road, curtailing liability to breakage or dislocation of parts.

Spring Seats and Brakes are also provided.

In setting the engine for work all that is required is to turn the front axle at right angles with the balance of the machine. No further blocking is necessary. This arrangement is also a great advantage in turning, as less space is required than with a farm wagon.

## SECTIONAL VIEW OF THE MONITOR BOILER.



## EXPLANATION.

D. P.	Dry Pipe.	N.	Nozzle.
F. P.	Flue Protector.	W. S.	Water Space.
E.	Exhaust.	S. B.	Stay Bolts.
H. D.	Heat Distributor.	F.	Flues.
S. P.	Safety Plug.	W. L.	Water Line.
C. S.	Crown Sheet.	U. H.	Upper Head.
G.	Grates.		

The Sheets used in our boilers have a tensile strength of 60,000 pounds per square inch. After having the holes for the stay rods, etc., bored, they are firmly put together, the vertical seams being DOUBLE RIVETED, giving nearly double the ordinary strength. Each boiler is tested to 200 pounds cold water pressure per square inch before leaving the works.

Nearly all the parts are cylindrical, which is the strongest form of construction.

The Crown Sheet is arched, oval shaped. The great strength of this shape needs no comment. Flat crown sheets, held to their places only by bars, cannot be equally safe, and will be avoided instinctively by men who are posted. Besides, sediment cannot accumulate upon an oval surface. The agitation of the water carries it to the outer and lower edge, where "blow-off" and "hand-hole" are opened for its removal.

The Safe Range of Water Level is many times greater in a vertical than a horizontal construction. The danger from this source is very remote indeed. The fusible plug is retained in the crown sheet, to provide against a case of extreme carelessness—so extreme that it may almost be said never to occur.

The Fire Box is circular, with water-heating compartment on every side. The extraordinary facility of the Monitor for getting up and keeping up steam is due to its large and carefully distributed heating surface. Proportionately to the power produced, the Monitor boiler has a larger heating surface than any other. Those who value their time while getting up steam, and their fuel, which can be either coal or wood, will know how to appreciate this advantage.

The Flues are all made specially for the Monitor, and are of extra quality and extra thickness, made of charcoal iron and lap-welded. The assertion sometimes made, by agents of other machines, that the portion of these flues above the water line is in danger of burning out and leaking, is without foundation. The protectors at the upper ends of our flues not only protect the flues amply at the only point where they could by any possibility give out, but they reduce the flame and greatly increase the heat given off. The number of flues is, for 6-horse engine, 61; 10-horse, 75; 12-horse, 90; 16-horse, 100. Size, 2 inches in diameter by 4½ inches in length. These flues being vertical, all sediment falls down, and the engineer is saved all that drudgery of cleaning and swabbing out which requires so much time on the horizontals. If any cleaning is needed, a blast from the steam blower used with the hose cleans them instantly.

Owing to the circulation of the steam among the flues in the steam space, we get the super heated steam dryer than it comes from any other boiler. This is one of the great sources of saving to those who use the Monitor over other styles. A coiled, or Dry Pipe, perforated with holes, in the steam space, takes steam from all parts alike and conducts the same down through the hot water to the engine without waste.

The Damper, or Evener, is placed over the tops of the flues in such a way as to distribute the draft through all the flues alike.

The Spark Arrestor is all that can be desired. When left as sent from the shop, there is no danger of accident; at any rate, none have occurred; yet, no one can be too careful in guarding against accident by fire.

The draft may be increased to any desired extent by means of the Blower.

The "Pop" Safety Valve which we furnish is not liable to become disarranged. It is universally conceded to be the safest valve made.

# DILER.

boilers have a tensile strength per square inch. After being bored, the vertical seams being nearly double the boiler is tested to 200 lbs per square inch before

cylindrical, which is round, oval shaped. The needs no comment. Their places only by accident, and will be avoided if posted. Besides, upon an oval surface carries it to the "blow-off" and its removal.

Level is many times horizontal construction. The source is very remote, stained in the crown cause of extreme care may almost be said

with water-heating. The extraordinary fitting up and keeping and care" ally disproportionately to the boiler has a larger share. Those who are up steam, and coal or wood, will have advantage.

Finally for the Monitor, and extra thickness, and-welded. The arms of other make flues above the engine out and leaky protectors at the protect the flues they could by any reduce the flame given off. The engine, 61; 100, size, 100. Size, 2 in length. These falls down, and dredging of cleaning requires so much money cleaning is never used with

the steam among get the super heat from any other sources of saving other styles.

With holes, in all parts alike through the hot

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can be desired. There is no damage occurred; warding against

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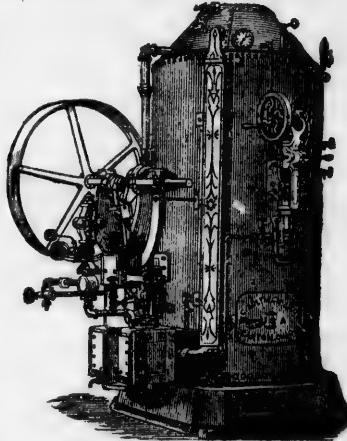
we furnish d. It is unique made.

### WATER TANK.

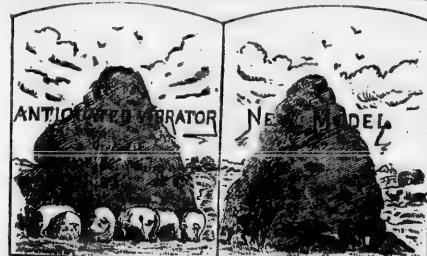
The Water Tank we furnish is cylindrical in shape, made of heavy tank iron, and built in the solidest manner. It is very compact, and mounted on iron wheels, the same as the engine. It is easily attached to, or detached from, the rear of the traction engine, has a pump at the rear to fill up with, water and air valves, and a box to carry fuel. The saving and convenience of such a tank will soon compensate its purchaser for all the investment required.



### THE MONITOR SEMI-PORTABLE ENGINE.



The capacity and merits of this Engine are fully described on the pages devoted to the Monitor Portable Engine. It is simply the Monitor adapted to stationary requirements. It can be recommended as a No. 1 engine for all uses that are in the range of its power. As a Semi-portable it retains the characteristics of safety, economy, and convenience, which have made the Portable Monitor famous.



### OUR PATENT SPUR TRACTION WHEEL.

Just the thing for Muddy, Slippery, and Difficult Roads.

When traveling over muddy or slippery roads it sometimes happens, in some localities, that the wheels of road engines do not have sufficient tractive power. We have invented and patented a Spur Traction Wheel which will be a valuable addition to the Monitor Traction Engine in places where the roads are liable to present the kind of difficulties we allude to.

This wheel is equipped with a set of spurs, or claws, that can be thrust out beyond the rim of the wheel, or drawn in, as required. The spurs are projected their full length, or half their length, into the ground at the lower side of the wheel, or they are withdrawn, leaving the surface of the wheel smooth, thus adapting it to all conditions of the ground, from soft and muddy to hard and rocky. The spurs are easily controlled by a lever within easy reach of the fireman, and without stopping the engine.

If, inadvertently, the hard ground is struck while the spurs are yet thrown out, the spurs are forced back automatically instead of being left to project and thus impede the progress of the engine.

The spurs may be sharpened by any blacksmith, and can very easily be removed from the wheel for that purpose. They are of cast steel.

The rollers by which the spurs are operated have chilled bearings revolving on tempered steel studs, which secures durability for the parts most liable to wear.

A wheel will sometimes become encumbered with mud which is liable to be left on to dry or freeze. The steam hose will remove this difficulty in a very few moments.

The entire wheel is a fine model of lightness as well as of strength. It is extra.



### THE MONITOR TRACTION ENGINE.

It would be difficult to imagine a more efficient and useful agricultural machine than this. In all our experience with labor-saving farm-machines no experiment has outlined itself into such a clear and solid success.

Owing to the great depth of water on the crown sheet it is as safe on hillsides as on the level. The engineer has within easy reach the throttle-valve, the steering apparatus, and the lever controlling the link motion. He may go forward or backward, and by the help of the Jack-in-the-Box, or compensating gear, he turns sharp curves as easily and quickly as a cart. Portable, self-propelling, ready for work in any position, adapted to threshing, sawing, and all other farm operations requiring power, needing less fuel, and steaming up in half the time required by a horizontal; with a record for safety not dimmed by the loss of a single life, although our annual sales now far exceed those of any other house in the world; much more economical, giving far more power from the same fuel and water; weighing less when full of water than most engines do empty; entirely simple and easy to control—such is the Monitor. We speak with confidence, but owners and operators praise our machine far more unstudied than we do.

We build Traction, or Road Engines of 10, 12, and 16-horse power. Four or five miles per hour are made, either with or without horses, as when the latter are used it is only to guide by.

The power of the engine is transmitted from the fly-wheel shaft to the counter shaft by means of a powerful sprocket chain. The sprocket gear has some evident advantages. The wheels cannot, from the nature of the case, get out of repair as bevel gears are liable to do. If a link breaks it is easily replaced. The little slack in the chain gives great assistance in starting up and backing. By our customers, who are generally familiar with road engines, the chain is preferred.

The movements of the large sprocket wheel are transmitted to the traction wheels through an intermediate, compensating gear.

The Traction Monitor is furnished self-steering or to be guided by horses, as purchasers may prefer. Engines with tongues, to be guided by horses, are generally preferred. Owing to troubles arising from scaring horses on the road, it has been found to be cheaper and more satisfactory in the long run to steer with horses. The advantages of the traction feature are only slightly diminished by using one team, for the teams to haul tender and thresher can be dispensed with, and hills, plowed fields, rough roads, and similar causes of trouble in moving engines, need no longer be regarded as obstacles.

Our Jack-in-the-Box, or compensating gear, is an indispensable aid in moving and handling the engine. It comes into play at every moment when the course of the engine is deflected from a straight line, so that in turning at any desired angle the wheel that makes the longest curve not only moves independently of the other wheel, but the whole force of the engine is applied in propelling both wheels of the machine just as much when the wheels move at different

speeds, while turning, as when the wheels move at the same speed. Thus the convenience of the Monitor in handling and setting, a feature that saves so much valuable time, is equally preserved upon our Traction Engine.

Both horse-steering engines and self-steering engines have the link motion, same as is used on locomotives, for moving backward or forward. The course of the engine can be changed instantly, and the whole power of the machine applied in forcing it in either direction.

An independent steam-pump supplies the boiler with water whether the engine is running or not.

The counter-shaft is held to its place by two set-screws, one seated against each of the two standards in the rear of the engine. To unscrew these two screws and raise the counter-shaft up sufficiently to disengage the pinions at each end is the work of a few moments. By this change the Traction Engine is converted into a Monitor Portable, requiring horses to move it.

The weight of the engine and boiler rests upon the traction wheels. The latter have wide tires, and are provided with traction cleats laid on diagonally so as not to increase the jar to the machine, but which add materially to their tractile power.

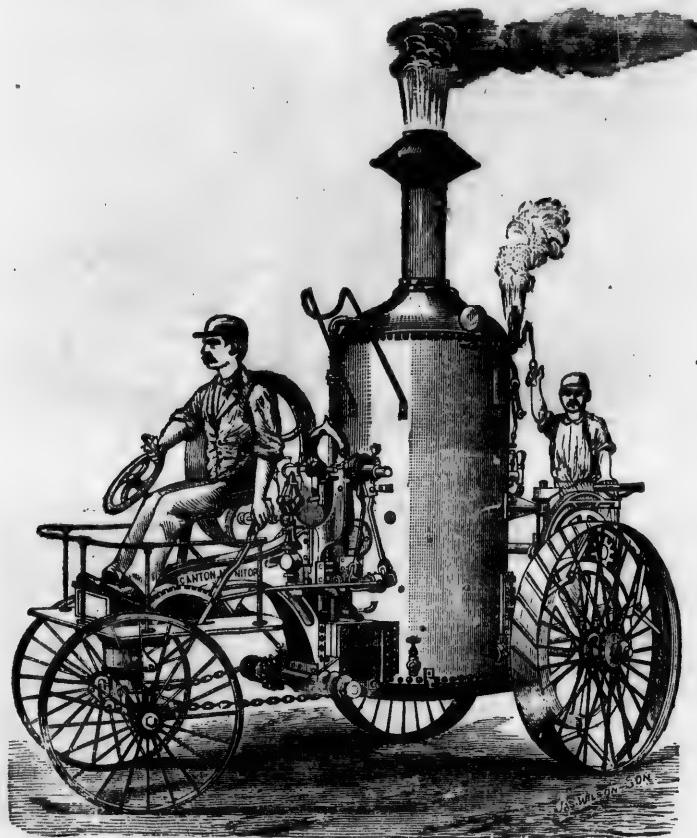
The engine easily hauls itself, tank, and the thresher's entire outfit, or the portable saw-mill outfit, over any ordinary roads, or any places where a two-horse wagon can go, provided the ground is solid enough to give the wheels a sufficient bearing and support. Where difficult or soft roads offer obstacles to the use of traction engines the purchaser should be provided with our Patent Spur Traction Wheel, described on another page. This will render him master of the situation.

Another advantage of our Monitor Traction Engine is thus briefly described in a letter from one of our customers: "In running on the road it is very difficult to get water at all times, and, as a result, your water gets low in your boiler. This you may permit to a greater extent with the Monitor than with a horizontal boiler, which is a decided advantage."

So far as simplicity is concerned, as will be evident by a glance at our illustrations, the Monitor Traction Engine presents a striking contrast with some of the cumbersome and complicated Traction Engines that are in the market. Thoroughly understanding the wants of threshermen, we have directed our efforts to supplying the simplest, strongest, least complicated, and most convenient form of Traction Engine.

We confess to feeling a great degree of pride in being able to furnish to our customers the most popular and widely sought after, because it is the most safe, reliable, and economical farm and road engine that has ever yet appeared in the market. We shall see to it that those merits that have gained the Monitor such a large degree of favor with the farming public are not only fully sustained, but supplemented by the addition of all the improvements that the best skill and experience of the world are ever offering for our consideration and acceptance.

## CANTON MONITOR TRACTION ENGINE.



### A COMPLETE ROAD ENGINE,

With Jack-in-the-Box Compensating Gear, giving Faster or Slower Motion to either Traction Wheel, for Turning Sharp Curves, etc.

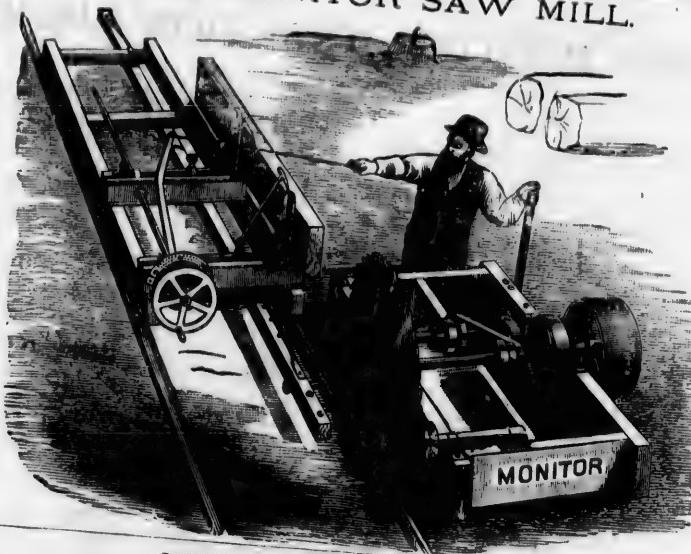
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LOW, ARCHED CROWN SHEET, WIDEST SAFE RANGE OF WATER LEVEL, INDEPENDENT STEAM PUMP, AS SAFE ON HILLSIDES AS ON THE LEVEL ROAD.

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*The Safest, Most Durable, Most Economical and Popular Farm Engine in America.*

## THE MONITOR SAW MILL.



## MONITOR SINGLE MILL.

As a large number of our engines, sold for Threshing and Ginning purposes, are owned in timber districts, we have had frequent inquiries for a Saw Mill that could be run by 10 and 16-horse power engines, without overtaxing the engine, and yet cutting enough lumber to make it profitable to add the mill to the thresher or ginning outfit. We feel that we can now offer to our trade a mill that is unequalled for use with light power. In a recent contest it was awarded the first premium, with twenty-six of the leading saw mills in competition.

We desire to call particular attention to our Double Mill. There has been a prejudice against the circular mill for light power, as experience has shown that a circular saw larger than 50 to 52 inches is apt to strain the engine, and so small a saw will not cut as large a log as desirable without wasteful chopping.

For this reason the mulay, or upright mill, though having a capacity of only 2000 to 2500 feet of inch lumber in large logs, and 800 to 1200 feet in small logs, has been very generally used. With our Double Monitor Mill, all logs under thirty inches, and all larger logs, after being squared up, are cut by the lower saw alone, the top saw running only when the top tightener is thrown on the belt, and both saws are used for squaring up large logs, or for cutting extra wide planks.

With this mill 2500 to 5000 feet of inch lumber can be cut in ten hours, and all logs under 40 inches sawed without waste.

Of course, if the timber is all small, our Single Monitor Mill will answer all purposes equally well. If a single mill is purchased, and the mill is afterwards moved to larger timber, the top rig can be added at any time.

We give a full detailed explanation of our mill, that it may be compared with other mills.

The frame is wood, all pieces mortised together with two iron rods running the length of each timber. The mandrel,  $2\frac{1}{2}$  inches, runs in self-pivoting boxes, seven inches long, lined with the best of babbitt. These boxes are also adjustable by set screws. All boxes are let into the timbers and fastened with 13-inch bolts running from bottom to top of frame. We use the paper friction feed, the best ever invented. The paper pulley on cone shaft is 4 inches diameter by 5 inch face, and the swinging idler, also paper, will last for years. Three step cones, with  $2\frac{1}{4}$  inch belt, vary the feed from  $\frac{5}{8}$  to 2 ins., and the carriage backs out 5 inches to each revolution of the saw. The carriage is run either back or forward by the same lever.

Each mill has one Patent Saw Guide, shown in the cut, with which the sawyer gives his saw the necessary lead without a wrench, and without getting within 12 inches of the saw.

The head block is a rack and pinion block, opening 36 inches. The teeth on the ratchet wheel of the set rig, are machine cut, making the set absolutely accurate by sixteenths of an inch. The throw is  $\frac{1}{4}$  to  $2\frac{1}{2}$  inches. The sawyer can stand either at the end of the mill, or in front of the carriage, and from either position can both saw and set.

The carriage is well rodded together, and will saw 20 ft. With each mill is furnished 60 feet of 8-inch Rubber Belt, Wheels and Axles for lumber car, 2 cant-hooks, 1 crowbar, 1 oil can, 1 monkey wrench, 1 nut wrench, 1 saw swage, feed belt, 40 feet flat and 40 feet A track-iron, and with single mill, 50-inch solid tooth saw; double mill, 50-inch and 28-inch solid tooth saws, and belt to top saw.

Three men, sawyer, off-bearer, and engineer, can run the mill.



PATENT SAW GUIDE.

Size  
Diam.  
Stroke  
Diam.  
Width  
Revolt  
Heigh  
Diamet  
Diamet  
Heigh  
Numb  
Lengt  
Numb  
Numb  
Whole



### MONITOR DOUBLE MILL.

Same as Single Mill, but with the addition of top-rig, housings, pulley on mandrel to drive top saw, and belt-tightener. This top-saw rig can be added to any single mill at any time when a double mill is required.

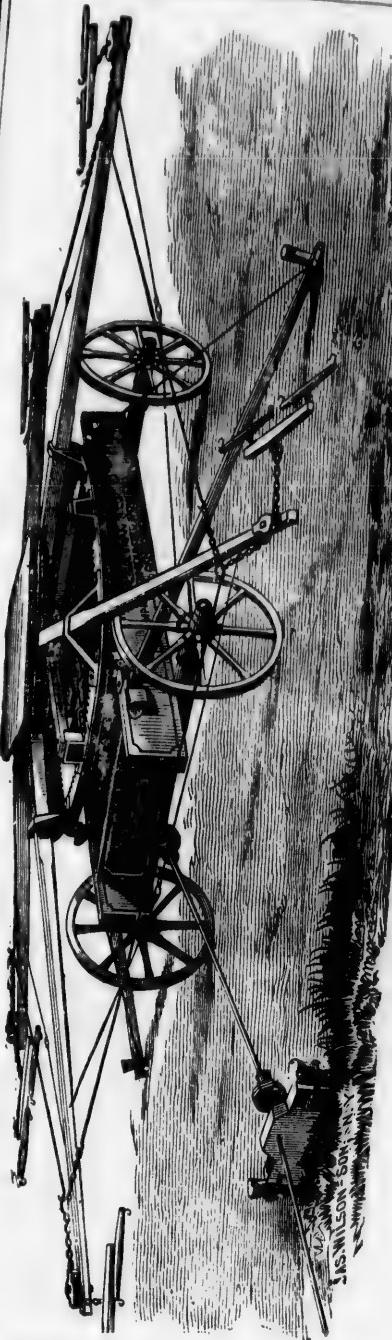
### THE MONITOR ON THE ROAD.

Only a few short years ago such a picture as the one below would have been regarded as a suggestion of the improbable, if not impossible. And yet thousands of just such outfits, made by C. Aultman & Co., are to-day moving from farm to farm, threshing the crops with much less labor than formerly, and with not a tithe of the waste. No machines ever placed in the field have exacted such enthusiastic commendations, and none are paying their purchasers better, both in satisfaction and cash, than the Traction Monitor and New Model.

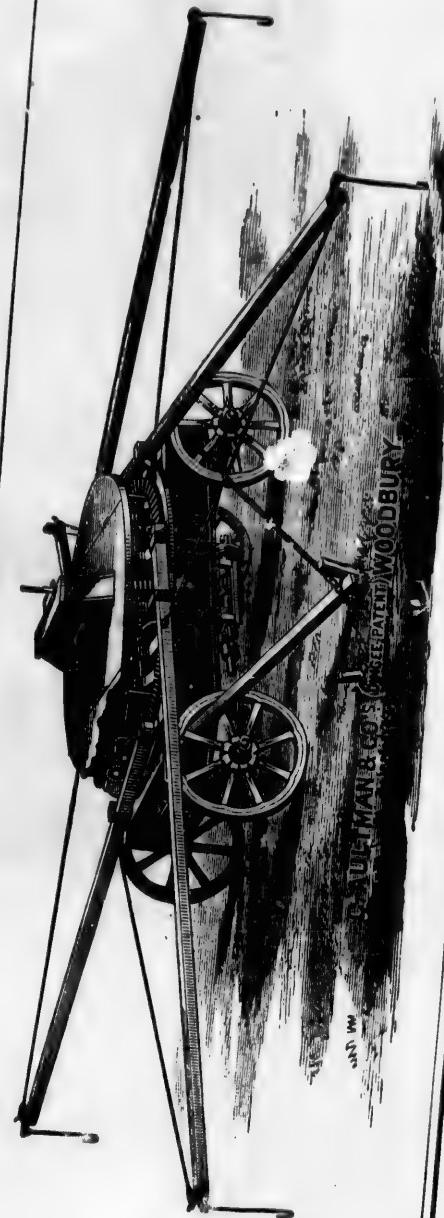


### DIMENSIONS OF CANTON MONITOR ENGINES.

DESCRIPTION.	6 HORSE POWER.	10 HORSE POWER.	12 HORSE POWER.	16 HORSE POWER.
SIZE BY NUMBERS.....	No. 6.	No. 10.	No. 12.	No. 16.
Diameter of Cylinder.....	6 inches.	7½ inches.	8 inches.	
Stroke of Crank.....	7 "	8 "	9 "	
Diameter of Fly-Wheel.....	33 "	36 "	40 "	40 inches.
Width of Face of Fly-Wheel.....	7 "	8 to 10 "	12 "	12 "
Revolutions per Minute as set to run.....	215	205	192	192
Height of Boiler.....	67 inches.	67 inches.	68 inches.	74 inches.
Diameter of Boiler.....	34½ "	37½ "	41½ "	43½ "
Diameter of Fire-Box.....	32 "	35 "	37½ "	38½ "
Height of Fire-Box.....	26 "	26 "	27 "	30 "
Number of Two-Inch Flues.....	61	75	90	100
Length of Two-Inch Flues.....	43 inches.	44½ inches.	44½ inches.	45½ inches.
Number Square Feet of Heating Surface.....	119	155	181	212
Number Square Feet of Grate Surface.....	4.93	5.94	7.24	8.08
Whole Weight complete with Wheels.....	4135	4910	5122	6081



IMPROVED CAREY HORSE POWER—WITH EQUALIZER.



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## C. AULTMAN &amp; CO'S HORSE POWERS.

The favorite phrase with exclusive engine builders, that "the days of the Horse Power are numbered," lacks the element of exact truth. For one or another reason some threshermen continue to prefer horses to steam. The efforts of C. Aultman & Co. to build and furnish the best improved Horse Powers continue to be highly appreciated. We continue to furnish

## THE CAREY HORSE POWER.

The Carey Power, as we now build it, has been improved and strengthened, and it gives excellent satisfaction. We are sure that it has no superior for solidity, durability, and light draft. We furnish eight, ten, and twelve-horse powers. All these powers are speeded alike, viz. 72 revolutions of the line shaft to one revolution of the master wheel. They are furnished either "mounted" or "down" but "down" powers cannot be mounted, as the levers would be too high for the horses. Great care is taken to use only the best wood for levers. Shafts are steel, and boxes are all brass or babbittted. The trucks for the mounted powers are provided with lever racks and sockets and ground fastenings, and the entire power is made in the solidest manner.

## THE IMPROVED DINGEE-WOODBURY HORSE POWER.

We also furnish this popular Power when preferred by the purchaser. It is always mounted on a four-wheeled truck. The Improved Dingee-Woodbury is a compact power, but is rather more complicated than the Carey. There is, however, a compensating advantage of considerable value in a brake by means of which the driver can quickly arrest the motion of the power in case of accident. It is speeded so as to make the best work with the New Model, with either side or three-latch gear.

## EQUALIZERS.

We furnish the simplest and best form of Equalizer when ordered. This Equalizer divides the strain upon levers; also upon the horses, so that neither of the teams attached need do more than its fair share of the work.

## COTTON GINNING.

We are in receipt of frequent inquiries in regard to the adjustability of the Monitor to Ginning purposes. Our engine is extensively used to furnish the power to run Cotton Gins, and it has not failed to give satisfaction in any instance. Men who have had large experience in the use of steam for this purpose pronounce emphatically in favor of the superiority of the Monitor, its convenience, safety, economy in fuel and water, and its quickness in raising steam and steady running, being merits that commend it as readily, and that are as highly appreciated for this purpose as any other where power is required. Below are a few letters from owners of Monitors in which the conduct of the machine as a Ginning engine is alluded to:

COVINGTON, NEWTON CO., GA., Oct. 24, 1882.

*Messrs. C. Aultman & Co.*

I have been using one of your 6 H. P. Mounted Monitor Engines since September, 1880, and it does just all you claim for it in ginning, threshing, and sawing lumber. I have been running a saw mill, with a 48-inch saw and sawing on an average 2,500 to 3,000 feet of inch lumber per day with 90 lbs. of steam. My expenses during that time, all told, has not exceeded twenty dollars.

Very respectfully,

JOHN T. HARRIS.

GADSDEN, ALA., Aug. 18, 1883.

*Messrs. C. Aultman & Co., Canton, O.*

I purchased of your agents, Messrs. M. B. Rogers & Bro., one 10-H. P. Canton Monitor last fall. I first used it for ginning my cotton crop, running two gins, one of 40, one of 60 saws; and a Vanwinkle Cotton Press, and it is with pleasure that I say to you that the Engine gave entire satisfaction through the entire season, doing all your agents promised me. She would do the field work of my gins and press with from 60 to 80 lbs. pressure. Last April I also purchased one No. 3 Plantation Saw Mill and attached it to my Engine, and it has done well; done all your agents represented and more. They are simple, and easily to be trained to saw. Mr. Rogers was very busy and helped me but very little in placing and commencing sawing. I had but very little saw mill experience, but I went to work and in a few days I had sawed as nice lumber as has been seen in Gadsden. I ran saw with a fair run in one day 4,000 to 6,000 feet of nice lumber with a 48-inch Chattanooga saw.

With great respect, your obedient servant,

JAS. T. SUTTEN.

MCKINNEY, TEXAS, Feb. 7, 1883.

*Mr. J. C. Moore.*

Dear Sir—Your favor of recent date, asking how we are pleased with the 12-Horse Canton Monitor Traction Engine bought of you last season, received, and in reply are pleased to say the Engine has given us good satisfaction, both in threshing and ginning, and as a traction we do not think it has an equal. We pulled over some of the roughest roads in the country carrying our 36-inch Cylinder Separator and water tank, and another wagon lashed on, all through the threshing season, climbing hills, creek banks, and deep mud holes, and never did the Monitor fail to walk triumphantly over all, while some of our neighbors who had the big cracked up \_\_\_\_\_ hung in a creek bottom for two days. We find the Monitor all that is claimed for it.

Yours respectfully,

J. D. COLEMAN.  
T. A. COLEMAN.

LOT, MARSHALL CO., ALA., Nov. 8, 1883.

*C. Aultman & Co.*

We bought one of your 10-Horse Canton Monitor Engines, of the 1880 pattern, from M. B. Rogers & Bro., Gadsden, Ala. We have been running it two seasons. It gives satisfaction. We run two 40 saw gins with 60 lbs. of steam, one grit mill, 36-inch, running 80 lbs. of steam. We had never worked a single hour with an engin till we got yours, and with very little instruction from Mr. Rogers, we have run the Canton Monitor all the time without any other engineer; we have had but little trouble with it, and would not give it for any other we have seen, and we have seen the Eclipse and several others.

Yours,

T. L. CHAMBERS & BRO.

WHITNEY, ST. CLAIR CO., ALA., 1883.

*Messrs. C. Aultman & Co.*

Sir—We bought from your agents, M. B. Rogers & Bro., at Gadsden, Ala., one of your No. 12-Horse-Power Canton Monitor Engines about the first of May, 1883, and can say, as to power, it is not excelled, and as to durability, we have run it ever since in sawing and ginning. There has been no repairs required yet above what we could do ourselves. In short, it is a good engine and we are well pleased with it.

Yours truly,

BOX & GOLDING.

ATALLA, ETOWAH CO., ALA., Nov. 7, 1883.

*Messrs. C. Aultman & Co.*

Gents—We have been using a 10-Horse Traction Engine of your make for one year; we have used it for sawing, grinding, and ginning. Have used it on the road, and stationary, and consider that it has more power and is easier managed than any other machine of its kind or class we have ever used.

CHRISTOPHER STEWART.

ANTIOCH, GA., Dec. 18.  
The No. 6 Monitor Engine purchased of you last fall is all that it was recommended to be. It is pulling a 50-saw gin with self-feeder, condenser, and steam press, with from 35 to 60 pounds steam. Everybody who has seen it is well pleased. My engineer, who is thoroughly experienced in the running of several different kinds of horizontal engines, says the Monitor is far superior to any of them.

J. C. BREWER.

C. AULTMAN & CO., STEAM THRESHING MACHINERY.

## NEW MODEL THRESHER AND MONITOR ENGINE TESTIMONIALS.

Many questions must inevitably arise in the mind of the reader, who is seriously investigating the merits of our machines, which have not been answered in the foregoing pages. But by looking over the following letters from owners of threshers and engines, made by C. Aultman & Co., it is nearly certain that all the queries that can possibly suggest themselves will be answered by one or more of the subscribing parties. No traces of the professional "testimonial writer" will be found. Our patrons will confirm the statement that we have printed their volunteer testimony, favorable and unfavorable, just as they wrote the same to us or to our agents. We regret that we could not have made room for all our letters of similar purport. A sufficiently wide range of the country, however, is represented, to clearly indicate the capacity and conduct of our machines under nearly all possible conditions:

SAGUACHE, SAGUACHE Co., Col.  
November 7, 1888.

**Messrs. C. Aultman & Co.**  
Sirs—We are perfectly satisfied with our machine. I have threshed with four other machines, and the New Model Vibrator is far superior to any machine I ever saw. I have threshed 110 bushels of wheat in 30 minutes. An average of our threshing in wheat is about 800 bushels per day. We have a small machine—it is only a 30-inch cylinder.

Yours respectfully,  
COLEMAN C. SCHERER.

ST. PETER, NICOLETT Co., MINN., November 8, 1888.  
**C. Aultman & Co., Canton.**

Gents—The New Model I bought of your agent, J. D. Firestone, is a first-rate machine, and does first-class work. It is light in draft and cleans the grain as warranted. I have threshed two bushels of wheat per minute, and have threshed, on an average, twelve hundred bushels of grain per day.

HANS O. ERICKSON.

FINDLAY, HANCOCK Co., OHIO,  
Friday, November 10, 1888.

**Messrs. C. Aultman & Co., Canton, O.**  
Dear Sirs—At your request I will state in a few words that the Medal Separators sold by me here in the above-named place have given entire satisfaction to the purchasers. I have sold and handled Separators for a number of years and will admit that the New Model has done more and better work than any Separator that I have ever seen or handled.

Yours respectfully,  
E. C. PALMER.

NEWTON, CACHE Co., UTAH, November 2, 1888.  
**C. Aultman & Co.**

Gentlemen—I bought one of your New Model Vibrators, and have threshed 9,000 bushels with it. I got it just to do my own threshing with, but when my neighbors saw it run they all wanted it to thresh, and I had to thresh for a few of them. It runs right along, and it seemed to run better every day. We could thresh just as fast as we wanted to. It runs light and threshes faster and cleans it better than any machine I ever saw run, and I can recommend it to all threshermen.

Yours respectfully,

JOHN GRIFFIN.

COLUMBUS JUNCTION, IOWA, November 6, 1888.  
**C. Aultman & Co.**

Dear Sirs—We purchased last year, of J. L. Collins, one of your New Model Vibrators. We had a 10-Horse-Power which we found too light. We purchased this year, of J. L. and P. H. Collins, one of your 12-Horse-Powers, and it has given entire satisfaction. Our entire outlay for repairs was \$2.00, and our earnings was \$750. We are well pleased, and would recommend it to all wishing to purchase.

ROSS & GUTTERN.

NORWICH, OHIO, November 7, 1888.

**C. Aultman & Co.**  
Sirs—We take pleasure in saying that we are very well pleased with the new steam threshing rig which we bought of your agent, T. W. Lewis, Zanesville, O., this season.

Respectfully yours,

ATKINSON BROS.

ELMWOOD, N. C., November 8, 1888.

**Messrs. C. Aultman & Co.**  
We bought one of your 12-Horse Traction Monitor Engines. We hauled water wagon and engine, with one pair of mules, over any road, threshed over 11,000 bushels of wheat in 5 weeks, and are now running a 50 inch saw and mill with it; it has given the best of satisfaction, and is doing as much as most 20-horse-power engines will do.

Respectfully,  
GILBERT & PHIFER.

SOUTH BEND, MINN., November 8, 1888.

**C. Aultman & Co.**  
Dear Sirs—I have been running one of your Sweepstakes Threshers for the last two seasons. Having been to some trouble to see most all makes of Threshing Machines, I do think the most perfect of them all is the Miller's New Model. There is one point about the New Model that could be improved, and that is the measuring of grain. What would give general satisfaction to threshermen and farmers would be the weighing of the grain as it is taken from the machine.

I have a plan to do it, and that is to use a bagger similar to the one already used on the New Model, and to have a scales made especially under the bags to weigh them before taking them off. It does not need to be heavy, but light, that it could be easily handled.

I remain, yours truly,

DAVID E. EVANS.  
D. E. E.

We intend getting one of your New Models for the next season.

FREDERICK, O., Nov. 8, 1888.

say it is the best machine we ever helped to run. Old threshers followed it up, and say it can't be beat. We are every way satisfied.

STOCKSLAGES, INGLE & INGLE.

MATTOON, ILL., Aug. 23, 1888.

**C. Aultman, Canton, O.**  
Gents—I bought one of your Canton Monitor Engines and New Model Separators this season from A. Hasbrouck & Co., and it has given entire satisfaction in every respect. I have run an Aultman & Taylor Separator for several years, in fact wore out two of them, and thought, before I got your New Model, that the starved rooster could not be beaten; but your New Model gets away with it badly. I have handled all kinds of grain with the New Model, both wet and dry, and there is no choking or stopping for anything. I have threshed for several years and never saw a separator that could come anywhere near your

## ENGINE

estigating the merits of  
all the queries that can  
be made by our agents. We regret  
the range of the country,  
and nearly all possible

Ohio, November 7, 1883.

We are very well pleased  
with what we bought of your  
agents.

Yours,  
ATKINSON BROS.  
C., November 5, 1883.

Canton Monitor Engines.  
With one pair of mules,  
we threshed 5,000 bushels of wheat in 5 weeks,  
and mill with it; it has  
cost us as much as most  
fully,

BERT & PHIFER.

November 3, 1883.

Your Sweepstakes  
have been to some trouble,  
I do think the  
New Model. There is  
to be improved, and  
will give general sat-  
isfaction wherever it could  
be the weighing

bagger similar to  
that have a scales  
before taking  
light, that it could

VID E. EVANS.  
for the next sea-  
D. E. E.

O., Nov. 8, 1883.  
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a. Old threshers  
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LE & INGLE.

Aug. 23, 1883.

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ock & Co., and it  
I have run an  
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no choking or  
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## C. AULTMAN &amp; CO., STEAM THRESHING MACHINERY.

25

New Model. I have established a reputation for it here that will sell several another year for you; in fact, believe there will be nothing else sold but yours in this neighborhood.

L. P. BOND.

MESSESS. C. AULTMAN & CO., CANTON, O.

Gentlemen—The 10 horse-power Canton Monitor Engine and 33-inch cylinder Miller's New Model Separator we bought of your agent, Mr. J. H. Vornhulz, of Strasburg, Mo., gives entire satisfaction. It more than fills the warranty put on it by you. We have owned and run different kinds of machines for fifteen years. We must say, in justice to your machine, that it is the best grain cleaning and saving machine ever introduced in this section of country; and for durability, simplicity, and superior finish, it far surpasses any machine in America.

We have not needed one cent's worth of repair during the whole season. We have threshed 5,000 bushels of wheat in 5 days, and moved 3 miles in the same length of time; and 700 bushels of wheat in 2½ hours, and cleaned it well, and can prove it by a dozen different parties. We think the Monitor is the safest engine, and furnishes more power than any engine of the same size in America. "Threshermen," if you want good grain-saving machines, then buy the New Model Separator and Canton Monitor Engine. Yours truly,

HAYS & GLUNT.

C. AULTMAN & CO., CANTON, O.

Dear Sirs—We take pleasure in saying to you that we are highly pleased with your No. 7 New Model Vibrator, which we purchased from your agent, Demas McCollum. We like it better than any other thresher we have ever seen. It has given perfect satisfaction wherever we have threshed.

We don't think there will be any other kind sold in this neighborhood. It puts all other machines in the background. We have threshed 50 bushels wheat per hour, and 210 bushels oats per hour. No clogging of riddles at any time, and no wasting of grain. It's a perfect separator. We would advise every body wanting threshing machines to get the New Model Vibrating Thresher, made by C. Aultman & Co.

Yours truly,

A. P. SWART,  
H. HUFFORD,  
D. H. SWART.

SALINA, SALINE CO., KANSAS, November 2, 1883.

MESSESS. C. AULTMAN & CO.

We bought of Kingman & Co., in 1882, one eight-horse Engine and No. 7 New Model Separator that has given entire satisfaction. We threshed, in 1882, forty-five thousand bushels of wheat, besides oats and rye. In 1883 we threshed over fifty thousand of wheat, besides oats, rye, and barley. Our expense on engine was about \$8, and the engine is in splendid condition. The flues have never leaked particle. Will run right along for several years yet. The Separator is in good condition. Our expense on Separator has not exceeded \$10. We threshed, in ten hours' time, eleven hundred and one and one-half bushels of wheat, and moved and set three times. We recommend the Monitor Engine and No. 7 New Miller Separator as the best in market. They give entire satisfaction. Every person says that they are the best grain-saving machines that they ever saw. We defy competition.

J. GARRISON & SON.

MESSESS. C. AULTMAN & CO.

Gentlemen—The Miller's New Model No. 7, bought of your agents, F. A. Bostler & Bro., has given satisfaction beyond our utmost expectations, doing more and better work than recommended. We unqualifiedly say we think it the best thresher we ever saw, and so say all for whom we have threshed. We can thresh 1,000 bushels wheat per day.

MOSSES BURTON,  
JOHN A. TROBRIDGE.

MARION, VA., November 1, 1883.

C. Aultman & Co., Canton, O.

Gentlemen—We take great pleasure in recommending our 10-horse Traction Engine and 30-inch New Model Separator that we purchased from your agent, Mr. R. F. Nickels, at Marion, Va. It will do as much as any "rig" can do, and cleans grain cleaner than any machine we have ever seen. It is the "Boss" machine in this county, and "don't you forget it." It has carried the day wherever it has been, and has given the utmost satisfaction.

Yours very respectfully,

L. W. & E. P. MYERS.

LAMPASAS, TEXAS, September 26, 1883.

MESSESS. C. AULTMAN & CO., CANTON, O.

Miller's New Model Vibrator Thresher, 24-inch, with 8-horse-power, I bought of your agents, Low & Low, of San Saba and Lampasas, Texas, May 15, 1882, has given perfect satisfaction this year. I can say to any one that it is as good a machine as can be made.

Yours truly,

JOHN PATTERSON.

WINCHESTER, KANSAS, August 22, 1883.

MR. CANON, KANSAS CITY.

Dear Sir—We have been threshing with the New Model Separator and Monitor Engine, (purchased of Mr. Jas. W. Russell, Nortonville, Kansas,) for about six weeks. Have threshed wheat, oats, and timothy. The Separator is the best made, at least the best we have ever seen for all kinds of grain. The engine does its work satisfactorily. In fact we think we have the best outfit in this part of the country, and everybody else that has seen it is of the same opinion. We are not afraid to thresh with any machine of the same capacity as ours.

Yours respectfully,

MILLER & CO.

CHARLESVILLE, BEDFORD CO., PA., September 9, 1883.

MESSESS. AULTMAN & CO.

Dear Sirs—We bought of your agent, J. Rankins, one of your 30 x 48 Vibrating Machines and will say it is the best machine we ever saw. We have handled the Geiser and Boss Russell machines, but, in comparison with this one, they are nowhere. It is the finest cleaner and fastest thresher we ever handled. It is very simple in construction and nothing to wear out about it. It is very strong and will stand the work. It is very nicely finished. It is complete in all respects and unequalled in durability, simplicity, quantity, and quality of work. In short, it is the most complete machine we ever saw or handled. We have threshed 73 bags of wheat in 56 minutes and done the best of work.

Yours truly,

W. J. DIEHL & CO.

HAMILTON, OHIO, September 9, 1883.

MESSESS. C. AULTMAN & CO.

The New Model Thresher and Canton Monitor Engine bought of your agent at Belmore, this season, has given entire satisfaction, and my customers have all been well pleased with its work. It is all that you recommend it to be, and I am well pleased with the purchase and can recommend it to do good work.

Respectfully yours,

JOHN MULL.

VERMILLION, O., September 13, 1883.

C. AULTMAN & CO., CANTON, O.

I purchased of your agent at Bellevue, O., C. H. Smith, one of your New Model Threshers, and can cheerfully say it far exceeds my expectations in every way. I have threshed wheat, oats, and barley, and find it does top work in every way. It not only threshes clean, and separates perfectly, and cleans the grain nicely, but you never need to change any sieves in any kind of grain, and never poke a sieve from Monday morning till Saturday night. It is certainly the best thresher that ever came into our part of the country, for everybody says so, and my customers are pleased and say, "Come again next year."

AUGUSTUS BAUMHART.

## C. AULTMAN & CO., STEAM THRESHING MACHINERY.

*C. Aultman & Co., Canton, O.*

Dear Sirs—The 38x45 New Model, bought of you this season, is the best thresher and cleaner I ever saw. I can thresh, clean, and save all the grain any set of hands can handle. I have threshed 80 bushels of rye in 30 minutes, and would have kept it up if I could have got the grain, and 400 bushels of oats per hour.

Very respectfully

P. L. ALDRICH.

*C. Aultman & Co.*

BUCKTOWN, PA., September 6, 1883.  
Dear Sirs—I received a few lines some time ago, and you wanted to know if I liked my 16-horse engine. It runs like a charm, and does better than I expected. I am glad that I bought the Monitor of you. I see a good many others. I can do more than any of them, and do it easier. I use it to run a saw mill.

Yours truly,

T. W. PURSEL.

(From *St. Charles Union*, September 19, 1883.)

BIG THRESHING—Earsley & Bartlett threshed out last week for Milton Smith 382½ bushels oats in 55 minutes. The rig used was a 10-horse Canton Monitor Engine, and 38x45 New Model Vibrator Separator, made by C. Aultman & Co., Canton, O. Can this record be beaten?

*Messrs. C. Aultman & Co.*

I have the satisfaction of reporting to you that the thresher purchased of you last week was started with complete success, and is giving great satisfaction.

Yours truly,

ELIAS CHAPMAN.

*Messrs. C. Aultman & Co.*

SHIRLEYSBURG, HUNTINGDON CO., PA., August 21, 1883.  
Dear Sirs—We have owned a great many machines; amongst the rest we have had two Geiser's machines and the Sweepstakes, but the Miller Vibrator which we purchased of you July last takes them all down for threshing and cleaning wheat. The farmers are all well pleased with the New Model. The New Model has been running steady since we started it, and we have all we can do, and a good bit more. There are two other threshers running around, but people know what is best. The other threshers went around last Winter and engaged crops. We did not. We are getting their crops. We did not go around asking for threshing, but they came and asked us to thresh for them. The New Model has given entire satisfaction in every way and respect. Very truly yours,

JOHN X. LUTZ,  
ABE M. LUTZ,  
Rev. J. ED. LUTZ.

*C. Aultman & Co.*

VICKSBURG, UNION CO., PA., August 18, 1883.  
I have been threshing for the past six years. The first machine I had was an Empire. I ran it three years. The last three I had one of your Sweepstakes machines. It was more handy and better than the Empire. Now I have bought a New Model machine, which I have started myself, and run it one week, and I can say it is the most successful machine that I ever saw work. It cleans the best, and I am much pleased with the New Model machine. I would say to those who want to purchase a machine, try the Model, and be convinced that it is the best machine in the market, and for fast threshing, it can't be beat.

Yours respectfully,

D. H. SNURCKER.

*Mr. C. N. Owen.*

LEWISBURG, UNION CO., PA., August 20, 1883.  
The New Model Thresher bought from you this season gives entire satisfaction. We do not care for a better thresher and cleaner.

Yours truly,

STROLTZFUS BROTHERS.

STEVENES, LANCASTER CO., PA., August 18, 1883.

*C. Aultman & Co.*

Gents—I have purchased one of your New Model machines, a Separator and a Canton Monitor Engine, with which I have already done a great deal of work, and must say that it gives entire satisfaction. I can do as much work with it in a day as any other machine can do.

Yours respectfully,

JACOB E. FRY.

BELLVILLE, MIFFLIN CO., PA., August 20, 1883.

*Messrs. C. Aultman & Co.*

Dear Sirs—Yours of the 17th to hand, and in reply would say: we bought one of your New Model Threshing Machines last year, and we like it very well, and we do not hesitate to say we never saw its equal for threshing, separating, and cleaning all kinds of grain. It is easily handled, well made, and as durable as any machine we ever saw, and we have our customers to say they would rather pay us from one-half to one cent per bushel more than to any other machine on account of its good cleaning. We threshed last year over thirty-five thousand bushels of grain, with one of your 30-inch cylinder machines, and a 6-horse-power engine. And we are threshing to-day at one cent per bushel more than various other new machines that came in this fall.

The above are facts and are not written to deceive buyers, but to assure the man that buys Miller's New Model that he buys a good one.

Yours respectfully,

J. Y. ZOOK.  
E. A. ZOOK.  
J. Z. YODER.  
JOHN F. KAUFFMAN.

ROSSVILLE, YORK CO., PA., August 25, 1883.

*Mr. C. N. Owen.*

Dear Sir—Yours of the 21st to hand, and as you want to know how the machine works which I bought of you, I can say it is superior to any machine I have ever run. The first machine I purchased of you was a Sweepstakes, which I liked very well, but I think the Vibrator is better.

Yours truly,  
J. C. KRALL.

CLIFTON, ONEIDA CO., IDAHO, October 29, 1883.

*Mr. George A. Lowe.*

Dear Sir—I have threshed all around in my neighborhood, and have never had one person complain. I have threshed fifty-six thousand bushels and not one complaint. Have had good threshers say they never saw any machine run as pretty and do as good work in cleaning and saving grain, as my machine. One man that owned a 32-inch Pitt's said he never saw any machine do as good work. My expenses on the Separator in three years have been about \$10. Of course the gearing must wear a little, and the balance of the Separator is about as good as ever. Of course I have kept my machine in my barn, only when threshing. I have seen many machines, and if I was wanting another I would buy of you.

From yours as ever,

JOHN SANT, JR.

EAST ST. LOUIS, ST. CLAIR CO., ILL., Oct. 26, 1883.

*C. Aultman & Co.*

Sirs—We are very well satisfied with our thresher. It takes the top off of every one around here. We have threshed 1,400 per day, with ease. It is a light running machine, takes very little oil, requires small repairing, does good threshing, and clean.

Yours truly,

CHRIST SIMSHAUSER.

KINGSTON, SOMERSET CO., MD., Oct. 26, 1883.

*C. Aultman & Co.*  
The New Model Separator and Canton Monitor Engine I bought this season, I believe is the best threshing rig on wheels. It threshes faster, and cleans better than any machine in this

C. AULTMAN & CO., STEAM THRESHING MACHINERY.

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P.A., August 18, 1883.

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JACOB E. FRY.

P.A., August 20, 1883.

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F. KAUFFMAN.

August 25, 1883.

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J. C. KRALL.  
October 29, 1883.

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N SANT, Jr.

Oct. 26, 1883.

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county. Farmers in this section will have no other machine but a New Model Thresher to do their work. They sent their wheat to market just as it came from the thresher. Farmers and threshermen, who saw it at work, say there is no room for improvement. The largest grain growers in this county who saw the above machine at work offered me one cent per bushel more to do their work next season than they would give any other thresherman, as I have the only New Model in the country. The engine is the lightest draft, quickest set and fired up, the smoothest running, the steadiest motion, and consumes less fuel and water than any threshing engine I ever saw.

I advise all threshermen wanting to buy a good grain-saving machine, to buy Miller's New Model Separator and Canton Monitor Engine. Then you will have a rig that will get you all the work you can do, and you will have one that will cost you very little for repairs.

Very respectfully,  
JAMES M. HUGHES.

LOUISVILLE, CARROLL Co., Md., Sept. 13, 1883.

To T. W. Davis, Butler P. O., Md.

Dear Sir—The No. 10 "Monitor" Engine and No. 7 New Model Vibrator we purchased, through you, in July last, is a first-class threshing rig in all respects. We have threshed 825 bushels wheat, and moved twice the same day. Have threshed, so far this season, over 22,000 bushels of wheat. Our customers are all pleased. We have finished several crops which were left unfinished by other makes of steam threshing rigs. We have all the threshing we can do, and I feel confident we have, as our work will show, the best threshing rig ever brought to Carroll County, Md.

THOMAS BEASMAN.

WOODBINE, Md., Sept. 15, 1883.

Mr. H. W. Matthews.

Dear Sir—H. A. Leisher, with Monitor Ten-horse Traction Engine and No. 7 New Model Vibrator, threshed for Mr. Richard Hutchins, Bunker Hill Farm, (840) eight hundred and forty bushels wheat, which was hauled on same day from machine to the railroad station for Baltimore market.

Respectfully yours,  
N. T. HUTCHINS.

SALEM, SALEM COUNTY, N. J., November 5, 1883.

C. Aultman & Co.

Gentlemen—I purchased last June one of your 24-inch New Model Vibrator Threshers, of Lindsey & Sickler, and am free to say that it beats anything I have ever had, or ever saw thresh. We have threshed over 23,000 bushels of wheat and oats since we began last July, and our machine is in good repair, costing us nothing for repairs, excepting a few teeth that were broken out by feeding into the cylinder a piece of iron. It is well and substantially made, and, with the proper care, will last us for years. I have been running several different makes of threshers the last five or six years, and can thresh now with your New Model in one day more than I could heretofore in two. We set our thresher on the Supana Meadows a few days ago, and threshed, in long straw, 120 bushels of wheat in 40 minutes, and, I tell you, we astonished the farmers who had seen us work, and there were several there, and holding their watches to see how much we could thresh in a given time. I think it impossible to choke the riddles, and for threshing, either wheat or oats, it cannot be beat.

Yours truly,  
JOHN DEDRICK.

DITNEY, WARWICK Co., IND., August 10, 1883.

Messrs. C. Aultman & Co., Canton, O.

It is with pleasure that I give you a short statement of the working qualities of your No. 7 New Model Separator that I purchased of your agent, L. A. Baker, Boonville, Ind. I have been running threshing machines 23 years in succession, have run six different kinds of separators, and have had a great deal of experience in all kinds and conditions of grain. I must say

that the New Model beats them all alike in doing first-class work. I have threshed wet and dry grain with my New Model, with mud in the straw up to the band of the bundles, and it separated and cleaned it nicely. For nice, smooth running I never saw anything that would compare with it. I have threshed for more than 65 farmers and they all speak well of it. I have about 80 more to thresh for yet before I am through. Some of my neighbor machines have laid up, others have 4 or 5 jobs and they are done, while I have plenty to do. There was one old style vibrator in my range and got one crop, but he had to go six miles before he could get any more to thresh. I have made more money with the New Model in the same length of time than any other machine I ever handled. She is called Boss in my section of country. I have threshed 100 bushels per hour, and done good work. I think you will sell some New Model Separators here in Warwick Co. next year. Wishing you success,

I remain, respectfully yours,

SIMON FLACK.

BROWNTOWN, GREEN Co., Wis., November 5, 1883.

C. Aultman & Co., Canton, O.

Gentlemen—in reply to the inquiries of your agent at Monroe, Wis., as to how we liked the No. 10 Traction Monitor Engine and the 33-inch New Model Separator, bought of you this season, we will say: It is not only a pleasure on our part to state to you, but to the public and any one who expects to buy a steam rig, for the purpose of threshing, that it meets our highest expectations in every particular. We can thresh as much, or more, with these machines, than any other machines in existence of the same size, and give better satisfaction to our customers. We have run threshing machines for nearly twenty years and know what we say. The combination sieves we think a great deal of. It saves time and trouble in caring for and changing loose sieves. We can draw the tank, separator, with engine on any of our hilly roads, with crew, and as many more as can get on.

JAMES HILDERBRANT.  
BOYD NILES.

HILLSBORO, MARION Co., KANSAS, November 8, 1883.

Messrs. C. Aultman & Co., Canton, O.

Sirs—I bought one of your Canton Monitor 10-horse self-guide Engines and a New Model Vibrator, and I find it as good an outfit as I ever had anything to do with. The New Model Vibrator cannot be surpassed in handling wet grain.

Yours etc.,  
J. C. JETMORE.

MOOREFIELD, NICHOLAS Co., KY., November 19, 1883.

Messrs. C. Aultman & Co.

Sirs—I bought one of your rigs of your agent, R. C. King, Carlisle, Ky., and will say it is first class in every respect. I have used it in all kinds of grain. It does good work and gives general satisfaction. The engine is a 6-horse Monitor and 8-horse New Model Separator. The engine is easy to fire up and gives good power; just the thing for a hilly country. We threshed 168 bushels in one hour and ten minutes, and did as nice work as I ever saw done. I can give better satisfaction and clean more wheat in a day than any other 6-horse engine in the country.

I remain, yours truly,  
ROBERT BARR.

IPAVA, ILL., April 2, 1883.

Messrs. C. Aultman & Co., Canton, O.

Dear Sirs—I bought of your agent at Ipava, Ill., in July last, one of your New Model Separators, 33-inch cylinder, and during the very difficult threshing season of last fall and early winter (difficult because of the wet harvest and consequent bad condition of grain, much of it being stacked damp or wet), I found the New Model to be what its name implies—a model machine. We frequently threshed a hundred bushels per hour, threshing the straw clean and cleaning the grain fit for market. A notable good thing in the New Model is that the riddles never clog—

## C. AULTMAN & CO., STEAM THRESHING MACHINERY.

In fact, we never look at the riddles. I have been a thresher much of the time for thirty years, and can say that this is the best machine with which I am acquainted.

WM. P. ROBINSON.

Messrs. C. Aultman & Co., Canton, O. IPAVA, Ill., April, 1883.

Dear Sirs—I bought of your agent, J. L. McCune, at Ipava, Ill., one of your 12-horse Monitor Engines in August last. We used it during the fall to run a New Model Separator (which made a fine record as a Separator), and during the winter to run a saw mill. I am fully satisfied that the shape of the Monitor is very much better and safer than any horizontal engine can be for portable use and especially for climbing hills. We have climbed without difficulty (and pulling the Separator and tank at that) as steep hills as any over which a team with wagon can pass. The Engine furnished ample power to cut logs the full capacity of saw 50 inch, without checking the speed.

OLIVER WOOD.

C. Aultman & Co., Canton, O. BRIGHTON, NICOLLET Co., MINN., Oct. 25, 1883.

Gents—I bought the New Model Vibrator of Firestone, your agent in Mankato. It is the best Separator that has ever been tried out here, which can be proved by all who have seen it work. It cleans grain fit for market, and will not waste a kernel of grain, whether the machine is crowded or nearly empty. It is the most durable machine I have ever seen. I recommend the New Model to those who want to save their grain, money, and time.

Respectfully,

ALBERT C. ANDERSON.

C. Aultman & Co.

HANNIBAL CENTRE, N. Y., Aug. 11, 1883.

Dear Sirs—The Machine received and threshed about 500 bushels of wheat. I can say it is the best machine, so far, I ever saw. Farmers are delighted with it. Old threshers come to look at it and pronounce it perfect. I have two orders for next fall.

Yours truly,

D. W. DART.

Messrs. C. Aultman & Co., Canton, O.

Gentlemen—We bought a New Model Thresher this last year from your agents, Low & Low, at Lampasas, Texas. We have had considerable experience with Threshers of different makes, but we did better work, and gave better satisfaction to our customers this season than we ever saw done by any Thresher. We crowded the machine in both wheat and oats to see if it could be made to waste the grain, and we found that it threshed clean and saved all. To those wanting a machine we would say that Miller's New Model is not only equal, but superior to any we have ever seen.

We remain,

Yours respectfully,

J. A. TAYLOR & THOMAS HAWKINS.

C. Aultman & Co.

The Thresher (New Model 38x46) I purchased of you a few days ago gives us the best of satisfaction. It is the Boss Thresher in this neighborhood.

Will give you any testimony further than the above that you may desire.

Yours truly,

FRANK YEAGER.

C. Aultman & Co. Canton, O.

We, the undersigned farmers and threshermen, have to-day witnessed the working of Yager's and "Ibt's Canton Monitor Traction Engine and New Model Thresher" on the farm of Gabriel Watson, and would cheerfully say it is the best steam rig ever brought into this part of the country.

The engine is quick, easily fired, and never lacks steam or power at any time.

DEFIANCE, O., August 25, 1883.

The thresher threshes clean from the straw, separates perfectly, and cleans the grain ready for market, and has the capacity to thresh all the grain that any crew of men can get to it.

Signed,

HOWARD M. KNOX.	MICHAEL HOUCK.
WEBSTER B. KARSNER.	ISAAC WATSON.
J. H. MORRIS.	CHARLES MYERS.
P. D. WATSON.	JOHN GEARHART.
NICK DIEMER.	CLARENCE RHAMY.
GABRIEL WATSON.	JOSEPH GEARHART.

ROME, O., August 12, 1883.

C. Aultman & Co., Canton, O.

Dear Sirs—The No. 4 New Model Vibrator and 6 horse Monitor Engine sold by us to H. G. Chester & Sons is giving entire satisfaction. It threshed wheat that was cut the day before and was about half weeds that were not cured at all, and it never clogged or wrapped, but walked right straight through it.

Yours truly, CHESTER & HUBBARD.

Mechanicsburg, Cumb. Co., Pa., August 14, 1883.

Mr. H. C. Fogle, Tr., Canton, Ohio.

Dear Sir—We are getting some very flattering reports from our New Model Thresher. The fact is, it has no equal in this country, and threshermen and farmers are beginning to find it out, which you will no doubt conclude from the number of machines that you have been shipping into the territory to fill my orders. Our trade is still keeping up, and we are selling machines right along, and all that we have sold have given the best of satisfaction.

Very respectfully, C. N. OWEN.

STEVENS, LANCASTER Co., Pa., August 20, 1883.

Mr. C. N. Owen, Mechanicsburg, Pa.

Dear Sir—in reply to your request, I would say that the New Vibrating Thresher is, in every particular, what it is represented to be.

Considering the amount of work done and thoroughness, it is superior to any I have seen. I bought a second-hand machine from your agent, Jesse Mohler, of Ephrata, in the fall of 1882, and have threshed over 8,000 bushels of wheat. I am free to say that it is running no risk to buy your machine, as it is capable of "pulling a man safely to the shore."

Yours truly, OBED H. SHIRK.

P. S.—The Monitor Engine I bought the same time is doing equally as well.

MUDGY CREEK FORKS, YORK Co., Pa., Aug. 22, 1883.

Messrs. C. Aultman & Co.

Dear Sirs—The Eight-Horse Monitor Engine and New Model Vibrator Thresher, which we purchased from you, has given us entire satisfaction in every way that we have tried it. There are six other machines of different makes in our neighborhood. Your machine is far superior to any other make, because it threshes faster and cleans the grain so much cleaner, and is so simply constructed, it does not take a man of experience to run it. We started out July 12, and 'till the present date have threshed over eleven thousand (11,000) bushels. Wet weather has detained us some. If it works as well in clover seed as it does in other grain, we cannot speak too highly of it.

Respectfully,

J. H. & H. C. MANIFOLD.

SAN SABA, TEXAS, September 26, 1883.

Messrs. C. Aultman & Co., Canton, O.

Gentlemen—Your Miller New Model Vibrating Thresher with 8-horse-power which we bought of your agents, Low & Low, is all they claimed it to be. We threshed over eight thousand bushels of grain the past season, and with no repairs to amount to anything. We are well pleased, and can say it is as good as we want.

Yours respectfully, BOMAN & TEAGUE.

## C. AULTMAN & CO., STEAM THRESHING MACHINERY.

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EPH GEARHART.

O., August 12, 1883.

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C. Aultman & Co.

Gents—The New Model we bought of your agent, H. Ludwig, Secor, gives good satisfaction to us and all the people for whom we have threshed. We have threshed with it now four weeks, and have not expended one cent for repairs, excepting oil. We thresh 75 bushels in 15 minutes, and a New Model is very easy on horses. Our riddle has not choked once in the four weeks, and separates the grain clean and good, and everybody is satisfied with its work.

Yours,

J. S. RUSSE.  
ANDREW ZENDNER.

BROWNWOOD, BROWN CO., TEXAS, Aug. 21, 1883.

Messrs. C. Aultman & Co.

Dear Sirs—Having bought one of your New Model Threshers from your agents, Messrs. Low & Low, Lampasas, Texas, a 30-inch cylinder and a 10-horse-power, we can easily say that it was the best thresher ever came to this country, and as good as we have ever seen in any country. It gives good satisfaction to everyone, and I can say to anybody that wants a thresher, it will pay him to get the New Model, and he will not fail to get work. We thresh 30 bushels of wheat in 15 minutes, and it is no trouble to run. We threshed 11,488 bushels of wheat up to the 29th day of July, while others had from 5,000 to 8,000 bushels. Some one set fire to our thresher to get it out of the way, but, thank God, they have not set fire to the factory yet.

Very respectfully, SCHULZE BROS.

WILLIAMSPORT, WASHINGTON CO., MD., Oct. 8, 1883.

C. Aultman & Co.

We, the undersigned, have tried one of your New Model Threshers, 30 by 43 inches, which we purchased of your agent, W. McCaffry, and we think it the best machine on the market, for we can thresh all the wheat they can put to us, and do it right; it cleans it better, and gives better satisfaction generally. We have run it two seasons, and this year it did better than last. We threshed this year where a Springfield Ballard machine had commenced, and was hauled out for wasting wheat, and they sent for us. We went, and threshed him out, and saved his grain. Your New Model wears the red belt around here. It is superior in finish and workmanship; it takes less repairs, and is the simplest machine on the market. If any one thinks of buying a machine, we would advise him to buy a New Model. If we were to get another, we would want a New Model.

Yours truly,

LEWIS O. & J. H. PHILLIPY.

SALE CREEK, HAMILTON CO., TENN., Oct. 24, 1883.

C. Aultman & Co.

Gentlemen—We bought of your agent at Chattanooga, Tenn., one of your No. 4 New Model Vibrators, and we cheerfully give our testimony as to its good work and grain-saving qualities. We threshed this season 5,100 bushels of grain, and gave general satisfaction. Our customers were so pleased with the work of our thresher, that a great many of them spoke to us to thresh for them next season.

For repairs, we were out \$1.50, that your agent made good. It has the praise in this country. You can see from this what we think of it.

Yours truly,

R. A. HOLMAN,  
A. J. COULTER,  
R. T. COULTER.

CONNEAUT, O., August 21, 1883.

C. Aultman & Co., Canton, O.

Gentlemen—We have this day started one of your 10-horse Engines and No. 7 Thresher, 30-inch cylinder and 48-inch rear, bought of your agents, E. & T. B. Dorman, and so far it works splendidly.

C. H. MERRITT,  
D. MOHSER,  
P. MOSHER.

CONNEAUT, O., August 25, 1883.

Gentlemen—We have been running the No. 10 Engine and No. 7 New Model Thresher we bought of C. & T. B. Dorman, Conneaut, O., about a week, and will say, so far, it works splendidly. The engine does its work well, and requires no grips or blocks to keep it steady. The New Model cannot be beat in separating and cleaning any kind of grain. In short, we think it a boss outfit.

H. H. POOL,  
F. J. BILLETT,  
D. A. BEMAS.

EMPORIA, DAVIS CO., MO., Aug 1st 23, 1883.

C. Aultman & Co.

Gents—We purchased one of your New Model Separators of your agent, John B. Deering, of this place, and we will say that it beats all of them. We have threshed twelve years and run several different machines, and this beats all we ever saw. If there is anyone that wants a machine we would advise them to try a New Model, as it will do the best work of any that is made. We have threshed all kinds of grain, and it will go in the market without any more cleaning.

Yours truly,  
LEABO & HARTES.

EVANS CITY, PA., Nov. 9, 1883.

Messrs. C. Aultman & Co., Canton, O.

Gentlemen—I have been running one of your New Model Separators for the last three years with horse power. This season I bought one of your 16-horse power Monitor Traction Engines, also a portable Saw Mill. I am perfectly satisfied, feeling that I have the Boss rigs for Sawing and Threshing. I can cut with good ordinary oak logs 4,000 feet in a day. I have cut on a short run 100 feet in 10 minutes. The Engine saves me considerable money over the horse power in threshing and moving on the road. I also move my entire Saw Mill with my Engine, which is a great saving of money to me over employing teams to move engine and mill. I consider the upright Engine the best in use, as it does not require to be set strictly level when setting to run, which saves time and labor. Also, in running on the road, it is very difficult to get water at all times, and, as a result, your water gets low in your boiler. This you may permit to a greater extent with the upright than the horizontal boiler, which I consider a decided advantage. Yours respectfully,

CHARLES PFEIFER.

HEMATITE, JEFFERSON CO., MO., Nov. 27, 1883.

C. Aultman & Co.

Dear Sirs—We have purchased one of your Machines, the Canton Monitor Engine, and New Model Vibrator and Separator. Expense on Engine, none; on Separator, 75 cents. We have used it two years. We are well pleased.

Yours respectfully,

OSCAR OGLE.  
JAMES OGLE.

SLATE LICK, PA., Nov. 15, 1883.

Messrs. C. Aultman & Co.

Gents—The 30x42 New Model Thresher and ten-horse Traction Engine bought of your agent, Mr. N. Steele, I am very much pleased with. As a thresher the New Model most decidedly stands at the head of all the machines in this section of country for threshing damp and wet grain and cleaning it splendidly. I did not leave any, as the so-called Boss did, on account of wrapping around beaters, etc. As for speed it cannot be beat.

As to the Engine, after we got a new chain, we had no trouble whatever. On the road we got in some very tight places, but always got out without any, or very little trouble, and would say that both Engine and Separator will do all you claim for them, and that is all any reasonable man could or should ask. Threshermen, by all means, get a New Model and Monitor Traction if you want to do good work and have no trouble.

HIRAM VANDYKE.

## C. AULTMAN & CO., STEAM THRESHING MACHINERY.

*C. Aultman & Co.*

CENTREVILLE, Md., Nov 10, 1883.

Dear Sirs—I bought through your agents, Messrs. Elliott & Gemmill, one of your No. 7 Miller's New Model Threshers, and have to say I am pleased with its working. It threshes clean and saves the grain as well as any machine when properly managed. I never lost ten minutes during the entire season.

Yours truly,

JOHN FRIEL.

*C. Aultman & Co.*

PERRYVILLE, PERRY CO., Mo., Feb. 4, 1883.

Having bought one of your Ten-Horse Traction Engines and Miller's New Model Vibrators from Mr. Otto C. Nabert, your agent in Perryville, Mo., I wish to say that it has given satisfaction in every particular. I have threshed 900 bushels of wheat in nine hours. It will clean grain better and thresh faster than any other machine I ever saw in Perry County. I have owned several different kinds of apron machines, but this beats them all.

The Monitor Engine is the Boss. I pull about eighty hundred over all kinds of roads. Every time I move up hill or down hill it is all the same. I have owned different kinds of engines. The Monitor is my choice.

I remain, your friend,

CASIMIR CHOPPIN.

*C. Aultman & Co.*

WESTPHALIA, OSAGE CO., Mo., August 21, 1883.

The 24-inch New Model Thresher, with 10-horse-power gives very good satisfaction, and I think it is one of the best threshers that has ever been here. Farmers say that this New Model threshes cleaner out of the straw than all the rest of the threshers. After I had the machine started we threshed 60 bushels an hour.

Yours very truly,

THEO. SCHAUWECKER.

*C. Aultman & Co., Canton, O.*

Dear Sir—Having bought one of your No. 7, 10-horse-power machines, I will say this: As for capacity, simplicity, and durability I consider them unsurpassed. I made an average of over 500 bushels per day. Respectfully yours,

HORBERT SMITH.

*C. Aultman & Co.*

ST. CLOUD, MINN., September 23, 1883.

This is to certify that I bought one of your Star New Model Vibrators from your agent, Henry Branch, at this place, and for fine and thorough work there is nothing in this country to beat it. The farmers for whom I threshed claim that it does the fastest and cleanest threshing they ever saw.

Yours truly,

L. NIETLER.

A. STRACK.

*Mr. Luke.*

LITCHFIELD, MINN., September 11, 1883.

Dear Sir—My New Model Thresher works splendid. It beats them all cleaning. We threshed between 200 and 300 bushels in 3 hours and I am perfectly satisfied with it. My father says it is the boss this side of the Big Woods.

GEO. G. WOLF.

*C. Aultman & Co.*

CAMDEN, MICH., November 11, 1883.

Sirs—I will say that the Miller's New Model, No. 9, purchased of your agent, Mr. B. F. Osbourn, is the best machine for all kinds of threshing that I ever used, and I have been engaged threshing and milling for the last 25 years; consequently speak from experience. We threshed in ten hours 907 bushels of wheat and 200 bushels of oats, setting, in the meantime, three times and moved over three-fourths of a mile.

H. CABLE & CO.

*C. Aultman & Co.*

SECOR, ILL., February 14, 1883.

The New Model we bought of your agent, Henry Ludwig, has given us good satisfaction. It cannot be beat by any other machine in threshing and cleaning. Everyone we have threshed for has expressed a preference for the New Model. We recommend it as a good machine, and one that cannot be beaten.

Yours, etc.,

MAIKEL & BRO.

MANCHESTER, IND., November 12, 1883.  
*Messrs. C. Aultman & Co., Canton, O.*

Dear Sir—New Model Vibrator, 36-inch cylinder, 48 inch rear, gave universal satisfaction in work and simplicity. Your authorized agent, George W. Steinmetz, did not claim any more for said thresher than we are able to do satisfactorily to ourselves and customers. We are able to thresh grain as fast as any set of hands can bring it to the machine. No choking of riddles. It separates wheat from straw splendidly; better than either of the other two machines we have run. Sorry we had no 800 or 1,000 bushel jobs this season. Customers we threshed for were all well satisfied with our work, and told us to call next season again. Hoping to have bigger jobs next season we can cheerfully recommend the New Model Vibrator, made by C. Aultman & Co., to any party expecting to buy a good thresher and be convinced.

J. D. WINDHORST, SR.  
HENRY WINDHORST, JR.  
JOHN WINDHORST, JR.

CASTER, BOLLING CO., Mo., October 27, 1883.

*Messrs. C. Aultman & Co.*

Dear Sir—Have used one of your Steam Threshing Rigs for three seasons, consisting of a 10-horse-power Upright Canton Monitor Engine and a 24-inch cylinder Miller's New Model Separator by the side of four other steam rigs of other manufacture. Ours has never yet been surpassed in quality and quantity of work. Have put more grain through our little machine per minute than any of the other machines of 30-inch capacity of cylinder. We have also done neater work than any other machine in the country, and, as for the engine, it cannot be surpassed by any one. We are running a saw mill with ours now, and have cut 6,000 ft. of boards per day, and have expended only a trifle on engine in three seasons. Have the same brasses n part that came on the engine from the shop. The engine is easier fired, easier and quicker set than any engine in the market. So much can be said in its favor.

Yours respectfully,

WHITENER & FOX.

BOWLING GREEN, KY., July 21, 1883.

*Messrs. C. Aultman & Co., Canton, O.*

Gentlemen—I have just met Mr. R. M. Parker, whose rig I started 12 miles from here, and am glad to report, from Mr. Parker's own statement, that he is delighted with the machine. He says he can thresh and clean all the wheat he can get to the machine, and I think if the fly wheel on the engine was a few inches larger that he could thresh out the world.

Very respectfully,

W. U. HOOVER.

NORTH LIMA, MADISON CO., IND., April 26, 1883.

*C. Aultman & Co., Canton, O.*

Dear Sirs—Having used one of your New Model Separators and Monitor Engines three falls, I find it gives general satisfaction to all the farmers and to ourselves. In those three seasons we threshed about 120 thousand bushels of grain and about 200 bushels of timothy seed. This season we have threshed 42,000 bushels of wheat and oats and 100 bushels of timothy seed, and we think that is pretty hard to beat.

Yours truly,

ISAAC SNYDER & SON.

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C. AULTMAN & CO., STEAM THRESHING MACHINERY.

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February 14, 1883.

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MAIKEL & BRO.

November 12, 1883.

Under, 48 inch rear,  
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HORST, SR., &  
INDHORST, JR.

October 27, 1883.

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ENER & FOX.

July 21, 1883.

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April 26, 1883.

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LOVETTSVILLE, VA., November 8, 1883.

Messrs. C. Aultman & Co.

I have been running a New Model for three seasons and it beats anything we have run yet.

Truly yours,

J. S. WENNER.

ALMA, NEB., January 23, 1883.

C. Aultman & Co., Canton, O.

Gentlemen—The New Model Thresher we bought of your agent, J. T. Clark, of Alma, Nebraska, about September 1st, 1882, gave entire satisfaction. We have threshed 19,000 bushels of grain, mostly wheat. Our expenses would not exceed one dollar. It gave us no trouble at all, except one pinion in power which the agent replaced and put power in first-class shape. We have run a thresher for 12 seasons and think the New Model for saving grain and fast threshing far ahead of any machine we have ever run or seen. We would advise parties who are anticipating buying a thresher to examine Miller's New Model before buying any other machine.

Yours etc.,

J. H. & L. W. PRETTYMAN.

TOLEDO, ILL., Aug. 24, 1883.

Messrs. C. Aultman & Co., Canton, O.

Gents—I have purchased this year of your agents, Mumford & Lossey, of Toledo, Ill., one of your complete steam outfits; ten-horse Traction Engine and one of your Miller's New Model Vibrators, 33-inch cylinder and 48 inch rear machines, with which I am well pleased. I have run other threshers, but none will equal this for all kinds of grain, or conditions of grain. At one time we were running on wheat, and, unawares to us, we were timed, and we were making full two and a half bushels per minute. We would say to those contemplating purchase of a machine, to examine a New Model before purchasing of any other make of machine, for we think it is the best machine in use to-day.

MILES MOORE.

MORRISON, TENN., April 6, 1883.

C. Aultman & Co.

Gents—Your New Model Threshing Machine, purchased of Moford & Biles last season, does everything that was recommended; threshes fast and cleans well; is certainly a boss machine. It is rather large for this section; it is a 24-inch cylinder; we want a smaller one. If you manufacture small sizes, please let us hear from you soon.

Very respectfully,

SULLIVANS & LUSK.

ELKVIEW; CHESTER CO., PA., Nov. 9, 1883.

C. Aultman & Co.

The Monitor 6-horse-power engine and No. 4 New Model Separator I bought of your agent, Leedom Kirk, Cochraneville, Pa., threshes and cleans grain in a very creditable manner; could expect nothing better. If my machine does not do good work it's the fault of the man who manages it, and not the machine. The engine runs smooth, and gives plenty of power.

Respectfully,

W. S. LUMAR.

BRUSH CREEK, PA., Nov. 9, 1883.

C. Aultman & Co.

Dear Sirs—Having bought of your agent, John Snyder, Brush Creek, Pa., one of your No. 18 Horse Traction Canton Monitor Engines, we are happy to say that we are well pleased with the engine, and it will do all you claim for it. We would like to say to our brother saw-mill men and threshermen that if they are going to buy an engine for doing sawing and threshing, buy the Canton Monitor Engine; it don't upset nor blow up as quick as a horizontal engine, and is much easier fired. We recommend it to farmers and threshers and saw-mill men.

Yours respectfully, NOSS & SMITH.

MANTUA, BOX ELDER CO., UTAH, Oct. 31, 1883.

Geo. A. Lowe, Esq.

Dear Sir—The threshing machine bought of you has been used here two seasons, and gives perfect satisfaction. I find it superior to any that we have had in use here before; light draft, simplicity, and durability, it is superior to all.

Yours respectfully,

P. C. JENSEN.

ST. JOHNS, MICH., November 10, 1883.

C. Aultman & Co., Canton, O.

Gentlemen—We purchased from C. W. Lyons, St. Johns, Mich., this past season, one of your No. 9 New Model Separators and 10-horse Monitor Engine, and find both the Separator and Engine fully comes up to our expectations. For fast threshing and thorough separation of the grain from the straw and good cleaning it is far ahead of any other make of machine in our locality. The engine is quickly set, easily fired, and is a strong and steady running power. We have, with three men and one team, moved, reversed both Engine and Separator, set and were threshing again in seven minutes. If any manufacturers or owners of steam rigs think they can beat us in doing fast work let them trot out their rigs—none in our neck of the woods dare tackle us. Very respectfully,

GEORGE RANDOLPH,  
FRANK EGELOSTON.

CALEDONIA, O., November 9, 1883.

C. Aultman & Co., Canton, O.

Gentlemen—We take great pleasure in giving you a certificate on the merits of your New Model Thresher, bought of your agent, Richard Thew, of this place. We have been threshing for nine years; have used the Garr-Scott, Aultman & Taylor, Huber, and now the New Model, and are free to say your machine surpasses them all. The work we did this year in cleaning was so much better than our competitors that many farmers waited weeks to give us time to reach their jobs. In one case in particular, a Huber was ordered to stop in the commencement of the job, and the farmer waited for us to come and finish it.

The machine runs very light and quick, not a single stop from fault of machine during the season's work of over 20,000 bushels. We speak in highest possible terms of the machine, and make particular mention of its cleaning and separating capacity.

Respectfully,

SAMUEL CROFT,  
NELSON MYERS.

ZANESVILLE, O., November 10, 1883.

Messrs. C. Aultman & Co., Canton, O.

Gentlemen—The Monitor Traction Engine and New Model Thresher, bought of your agent, T. W. Lewis, last summer, have made a splendid record. Their capacity is very great, and their work of the most thorough character. I recommend the rig in emphatic terms.

ALVAH JAMES.

ST. PETER, MINN., August 27, 1883.

C. Aultman & Co.

Dear Sirs—Please send the notes given for the Model Separator to First National Bank of St. Peter, and we will pay them before the first month has expired. We like the Miller New Model Vibrator first rate. It does first-class work. We have now threshed six days, including the starting, and turned out 4,025 bushels of wheat and 1,000 bushels of oats, and are well satisfied with its work.

Respectfully yours,

J. WEBSTER.

LITTLE YORK, MONTGOMERY CO., O.

C. Aultman & Co.

Mr. J. N. Brusman, knowing me to be an old machine man, requested me to give my opinion of your machines. I have run the Pitts, of Dayton, the Taylor, of Dayton, the Huber, the Aultman & Taylor, the Giser, the Globe and the Brusman

## C. AULTMAN & CO., STEAM THRESHING MACHINERY.

machine of your make, and I think your Vibrating Thresher is the best in all respects.

JOSEPH STEVENSON.

RICHFIELD, SEVIR CO., UTAH, October 30, 1883.  
C. Aultman & Co., Canton, O.

Gentlemen—The Miller New Model Thresher we bought of your agent, Mr. G. A. Lowe, Salt Lake City, has given general satisfaction. We think, and so do our patrons, that we have the best machine in this neighborhood, and the best we know of. We have threshed over two bushels of wheat per minute, and at times run out as much as five bushels of oats per minute and done good work. Very respectfully,

L. P. CHRISTENSEN & CO.

HAMILTON, ILL., November 5, 1883.  
C. Aultman & Co., Canton, O.

Gentlemen—Four years ago I sold a 10-horse Monitor Engine to Lewis & Francis Herold, and I rejoice to say that it has given the best satisfaction. This is the fourth season and no machine in this part of the country has done as much work. It is now in fine order, and the owners say they would not give it for the best down boiler and engine made. They go up hill or down Separator, tank and all, where a wagon will go.

T. J. POTTS.

EAGLE ROCK, VA., September 5, 1883.  
C. Aultman & Co.

Gentlemen—We purchased of your agent, J. H. Stull, one of your threshing rigs, a 6 horse Engine (plain), and No. 4 New Model, with 24-inch cylinder and 36-inch rear. We will give the amount of work done with it in 42 days: We threshed 14,061 bushels of wheat and 2,535 bushels of oats, an average of over 254 bushels per day. During the time, 42 days, we made 56 moves; the longest 13 miles—an average of 3 miles at each move, over rough roads. We were always able to thresh all the wheat that could be put to the machine. We think that it is all that could be desired in a threshing rig.

Respectfully,  
SAM'L NOFFSINGER & SON.

LEAF RIVER, OGLE CO., ILL., December 29, 1883.  
W. G. & W. Barnes, Freeport, Ill.

Dear Sirs—We are happy to say that the New Model Thresher we bought of you this year gave entire satisfaction in every respect. For clean threshing and perfect separation the New Model is unsurpassed. We would advise every one who wants a first class machine to buy no other.

Respectfully yours,  
W. H. & J. H. HEITER.

FOYLETON, ILL., Nov. 5, 1883.  
Messrs. Wm. Koenig & Co., St. Louis, Mo.

Gents—in reply to your inquiry as to how I like the New Model Separator, which I bought from you last season, I will cheerfully inform you what I think of it. It takes the grain out of the heads so completely that no unthreshed grain, or heads, come up through the elevator to be run through again, as is the case with all other separators that I have ever seen. It separates the grain from the straw thoroughly, causing no waste at all. I have no trouble with my customers whatever on account of wheat being carried over into the straw, as other machines do, and therefore I get much more work to do than most of my competitors. Lots of farmers in this section have let other machines pass by, and waited for me several weeks. The New Model cleans the wheat perfectly clean, ready for market, no matter whether the straw is wet or dry. It is simple, easy handled, and will run longer without being repaired than any other vibrator in this country. I will not say any more, only this; if they want to beat the New Model, they have to first invent something that can do it. No other machine of the present day need to try.

Yours truly,  
AUGUST KLEINE.

EARLEVILLE, CECIL CO., MD., November 9, 1883.  
Messrs. C. Aultman & Co.

Gentlemen—This certifies that we, the undersigned farmers, living in Sassafras Neck, Cecil County, Md., had our wheat threshed the past season with the New Model Thresher and Monitor Engine, purchased from your agent, Mr. William J. Duhamel, by Andrew Wilson. We will say that it has given entire satisfaction in every particular. As regards saving and cleaning wheat, in our estimation, it has no superior.

Respectfully yours,  
H. H. HESSEY, WILLIAM I. ALDERSON,  
JAMES P. MCCOY, E. H. BIDDLE.

LINCOLN, KEWAUNEE CO., WIS., May 9, 1883.  
W. G. & W. Barnes, Freeport, Ill.

Gents—The New Model Thresher is the best machine there is around here. It can thresh and clean grain better and faster than any machine I ever saw. I like it first rate.

Yours, etc., JOSEPH BOUFFIOUX.

RIDOTT, STEPHENSON CO., ILL., April 20.  
Dear Sirs—The New Model Thresher that I bought of you does better work than any threshing machine I ever had. The farmers all like it well, and would not have another machine to do their work, for the New Model saves all the grain, threshes clean, and there are no unnecessary stops or loss of time. One of my customers told me that his grain was worth five cents a bushel more than if it had been threshed with any other machine.

Yours truly, A. HERBIG.

BERGEN, WIS., April 20, 1883.  
W. G. & W. Barnes, Freeport, Ill.

Dear Sirs—The New Model gives better satisfaction than any other machine that ever threshed in this neighborhood. The farmers all like it, as it threshes fast, saves all the grain, and cleans it well.

Yours, etc., JOHN ROBINSON.

WINCHESTER, WIS., June 5, 1883.  
W. G. & W. Barnes, Freeport, Ill.

Gents—The New Model is the most complete thresher that was ever in this section of the country. It cleans well, and does not waste grain. None of us had ever run a thresher before, but nevertheless we started out, and every one we threshed for was well satisfied with our work. It cleans ready for the market.

Yours, etc., FRED. HAMEMAN.

SEWARD, WINNEBAGO CO., ILL., December 26, 1883.  
W. G. & W. Barnes, Freeport, Ill.

Sirs—We bought of you in 1881 a Miller's New Model Separator and twelve-horse-power, which gave the best of satisfaction. I have followed threshing for 20 years, and have never seen anything to equal it as a perfect grain saver.

I have run my New Model two years and have not been out a cent for repairs, except for cylinder teeth, and it appears to be as good now as when I first ran it out.

Farmers will have no other machine to thresh for them after seeing it work. Those who had other machines had to buy a New Model before they could get any threshing where Miller's New Model was known.

Respectfully yours,  
IRA PHELPS.

ROCK RUN, STEPHENSON CO., ILL., January 8, 1883.  
W. G. & W. Barnes, Freeport, Ill.

Dear Sirs—For threshing and cleaning grain the New Model we bought of you has no equal. We are confident that no other thresher is capable of separating the grain from the straw as completely as the New Model. With our thirty-inch cylinder we threshed 540 bushels of oats in less than three hours, which

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## C. AULTMAN & CO., STEAM THRESHING MACHINERY.

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November 9, 1883.

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the time shows we got all of it.

Truly yours,  
M. S. & J. D. SNYDER.

W. G. & W. Barnes, Freeport, Ill., April 15, 1883.

Dear Sirs—The Monitor Traction purchased from you continues to give the best of satisfaction, and furnishes abundant power for all ordinary purposes. It is easily handled, quickly set, and the most economical in the use of fuel and water of any we know. We can take tank, wagon, separator and, if necessary, a full set of hands on top, over any plowed field, or up any ordinary hill in the country. It has not cost a cent for repairs since we have had it. The New Model Thresher also works like a charm, and handles any kind of grain, either wet or dry. It threshes fast, and as a separator and cleaner it has no equal. With our Canton Monitor Engine and New Model Separator we can get away with any thresher in the country for money, both for fast and good work. We threshed 880 bushels of oats in one hour and twenty minutes, and can prove it. The work was well done too. The farmer who has his grain threshed by the New Model will save enough grain to pay for the threshing that would be wasted by other machines.

Yours truly,  
G. N. & J. F. BYERS.

DURAND, WINNEBAGO Co., ILL., December 29, 1883.  
W. G. & W. Barnes, Freeport, Ill.

Gents—The New Model Thresher I bought of you gave perfect satisfaction. It has done all you claimed for it, and was as represented in every respect.

Respectfully yours,  
J. M. HERRING.

ACKLEY, HARDIN Co., IOWA, December 29, 1883.  
W. G. & W. Barnes, Freeport, Ill.

Dear Sirs—I have been threshing for fifteen years, and never in that time have I seen anything to equal the New Model I bought of you this year. It runs light, threshes clean, and saves all the grain. My brother-in-law has an Agitator, with which he was going to run me out, but I run him back faster than he could come up, and those who saw both work invariably pronounced in favor of the New Model.

I think it the best running machine out West.

Respectfully yours,  
GEORGE SPANGLER.

NERO, MANITOWOC Co., WIS., January 8, 1883.  
W. G. & W. Barnes, Freeport, Ill.

Dear Sirs—The New Model we bought at Keweenaw, beats anything in the line of a thrash. For fast threshing and doing No. 1 work in all kinds of grain, there is not a machine in the country that can equal it. Good separation, smooth running and cleaning, none of them can come up to it. Farmers who think of buying a thresher, do not be deceived into buying anything but the New Model. You will find her a good one.

Yours respectfully,  
ALBERTSON BROS.

WELLS, MONROE Co., WIS., November 1, 1883.  
W. G. & W. Barnes, Freeport, Ill.

Sirs—I bought of your agent at Sparta, Wis., one of Miller's New Model Threshers, and find it far superior to any other thresher I have ever seen, both as to thresher and cleaner. It separates well, cleans well, and threshes fast. My customers for whom I have threshed say they got five cents a bushel more for the grain when threshed by the New Model than if threshed by any other machine. They marketed their grain right from the thresher. I can recommend the New Model as being the best thresher in the market.

Yours truly,  
GEO. W. GREY.

ALBANY, WHITESIDE Co., ILL., December 24, 1882.

W. G. & W. Barnes, Freeport, Ill.

Dear Sirs—The New Model Thresher we bought last year has proved itself the champion of these parts. We have had old threshermen come to see it work, and they were all satisfied it was the best they ever saw. We have threshed 1,600 bushels of oats in less than a day. It is the best machine we ever had.

Yours, etc.,  
J. J. & ED. SULLIVAN.

CATO, MANITOWOC Co., WIS., January 5, 1883.  
W. G. & W. Barnes, Freeport, Ill.

Sirs—I have one of C. Aultman & Co.'s make of threshers. It threshes clean, leaves no grain in the straw, and runs very light.

Yours truly,

MOSE BEHM.

DALE, WINNERAGO Co., WIS., December 31, 1883.  
W. G. & W. Barnes, Freeport, Ill.

Dear Sirs—The Canton Monitor Engine bought of Geo. E. Scott gives perfect satisfaction in every respect. It is safe, easy to set and handle, runs smooth, without any knocking, and furnishes steady power. I like it better than any other.

Yours, etc.,  
JACOB DILEY,

ZITTAN, WINNEBAGO Co., WIS., December 31, 1883.  
W. G. & W. Barnes, Freeport, Ill.

Dear Sirs—The New Model Thresher is the best that ever worked in my neighborhood. We were all green hands, and the grain wet and in bad fix, yet I have not heard one word of complaint from any of our customers. For threshing wet grain I don't believe the New Model has a superior. I recommend it as one of the best, if not the very best, machines in the market.

Respectfully yours,  
CARL DOFFEYRUHL.

BROTHERTOWN, WIS., January 10, 1883.  
W. G. & W. Barnes, Freeport, Ill.

Dear Sirs—The New Model Thresher we bought last year gives good satisfaction. It threshes well, cleans well, and gives good satisfaction in every respect.

Yours truly,  
THEODORE GOESER.

BELoit, ROCK Co., WIS., February 1, 1883.  
W. G. & W. Barnes, Freeport, Ill.

Dear Sirs—Every one for whom we threshed with our New Model is well pleased with the work done. It saves all the grain, and cleans it well. As a separator it can't be beat. In the necessary qualities to make a first-class thresher, it is ahead of all competition.

Yours truly,  
JOHN CARR.

BLOOMER, WIS., January 1, 1883.  
W. G. & W. Barnes, Freeport, Ill.

Sirs—Below you will find the names of some of those for whom I threshed. They are also a few of those who think the New Model the best thresher in this neighborhood.

THOMAS POSTAL. WENZEL BEKA.  
FRANK MAREK. WENZEL MIKE.  
ALBERT PLESKACEK. J. POSTLE.

MISHA MOQUA, BUFFALO Co., WIS., January 10, 1883.  
W. G. & W. Barnes, Freeport, Ill.

Gents—The New Model Separator and Canton Monitor Engine that I bought of your agent, A. H. De Groff, are first-class in every respect. All the farmers I have threshed for are delighted with the work done, and they, as well as I, think it is the best outfit in the market. Any one in need of a threshing rig should examine the New Model Separator and Canton Monitor Engine.

Yours, etc.,  
F. BERLINGER.

## C. AULTMAN &amp; CO., STEAM THRESHING MACHINERY.

MORRISTOWN, PA., November 1, 1883.

*C. Aultman & Co.*

I bought of G. D. Hickernell one of your New Model Threshers and Monitor Engines. I think it can't be beat. It saves all the grain and cleans better than the others, and threshes cleaner and cleans the grain ready for market.

FREMONT CARMON.

AUBURN, SANGAMON CO., ILL., Nov. 11, 1883.

Sirs—I will try to tell you how I am pleased with the New Model Thresher I bought of your agent, R. E. Morse, of Auburn. I am highly pleased with it for clean threshing. All that I have threshed for are well pleased with the work, and some have told me that they want me to thresh for them next season. I threshed all season, and I had to spend two dollars for repairs. I am well pleased with it, and think it hard to beat for clean threshing and rapid work.

Yours truly,

E. K. FLORY.

GRUNDY CENTER, IA., November 10, 1883.

*Messrs. C. Aultman & Co., Canton, O.*

Gents—In the fall of 1882 I bought of your agent, Mr. Geo. F. Wass, of Grundy Center, Iowa, one of your New Model Threshers and have run it now two falls, and would say, as to the New Model, I consider that there is not its equal. Where they cannot do the work no other need apply.

Respectfully,

DAN. O. COLLINS.

LUXEMBURG, STEARNS CO., MINN., November 7, 1883.

*C. Aultman & Co.*

I bought of your agent, H. Branch, a New Model Threshing Machine. I was threshing 25 years and have used most every kind of a machine. But no machine gives me as good satisfaction as the New Model. I threshed this year 27,000 bushels, and all the expenses I had was seven dollars, and I think I can run the New Model twice as long as any other machine I have been using. I advise every farmer to buy a New Model.

Yours truly,

LOUIS NISTLER.

RICH PRAIRIE, MORRISON CO., MINN., November 10, 1883.

*Messrs. C. Aultman & Co.*

Gents—I bought a New Model Threshing Machine from your agent, H. Branch, and have threshed with it from 1,000 to 1,200 bushels every day. I have been threshing for 15 years, but have found no threshing machine so good as the New Model. Now, gentlemen, I advise you to buy the New Model Threshing Machine.

Yours truly,

EDWARD RUF.

WOODWARD, IOWA, February 22, 1883.

*C. Aultman & Co.*

Sirs—This is to certify that we bought of your agents, Miller & Barlow, Woodward, Iowa, one of your New Model Threshers. It gave splendid satisfaction. The farmers all like it and say it saves and cleans their grain the best of any machine they ever saw. The grain buyers of Woodward give us great praise for cleaning.

WILLIAM LEMASTER,  
GEO. R. LEMASTER.

We have often heard the buyers speak of the superior manner in which the New Model cleansed grain.

MILLER &amp; BARLOW.

SECOR, ILL., February 15, 1883.

*C. Aultman & Co.*

The Miller New Model purchased of your agent, H. Ludwig, this year, gave us entire satisfaction in all respects. Every one I have threshed for have expressed themselves freely in favor of the New Model.

LOUIS R. DIENER.

GRUNDY CENTER, IA., November 9, 1883.

*Messrs. C. Aultman & Co.*

Gents—I this fall bought of your agent one of your New Model Separators and 12-horse-power Engines, and can say that I can thresh and save more and clean better with the New Model than with any other machine that I ever run, and I have threshed for the last 16 years and run with a good many machines. I would recommend the New Model to any one wanting to buy a first-class thresher.

F. HASBROUCK &amp; BRO.

DECATUR, MACON CO., ILL., November 19, 1883.

*C. Aultman & Co.*

I bought one of your horse-power Threshers in 1877. It is running yet, and the quality of work can't be beat. It is simple and durable. I have threshed at the rate of 50 bushels in seven minutes. I have been threshing for the last ten years with different machines, but I prefer the C. Aultman machine to any other.

Very respectfully,

J. W. MILLER.

COLUMBUS JUNCTION, IA., November 6, 1883.

*C. Aultman & Co.*

Dear Sirs—Having purchased of J. L. & P. H. Collins, August 7, 1883, one of your New Model Vibrators, we can say that we are well pleased with its work. Up to this time we have threshed to the amount of \$360, and would have done more if the grain had been in the country. We can recommend it to all wishing a machine. We have found it difficult for one man to take grain away from it alone.

S. S. ORRIS.

M. L. ORRIS.

MT. STERLING, O., July 23, 1883.

We, the undersigned, do testify that we have tried the New Model Thresher, and find it superior to any separator we have ever seen or tried. We can beat any "Three Rivers" in the State of Ohio, and we are well pleased.

JAMES DURIAN.

THOMAS TATUM.

OAKLAND MILLS, JUNIATA CO., PA., November 9, 1883.

*Mr. C. N. Owen.*

Dear Sir—We purchased this season a No. 7 New Model Thresher and a 10-horse power Canton Monitor Engine. We cheerfully give it our testimony as to its good work and grain saving qualities. We have more work than we can do, with all the other different new machines around us, and in several instances where other new rigs have threshed, the farmers insist upon us coming and finishing their jobs. The New Model positively cannot be beat for cleaning. There was an old thresherman came to see us and wished to see the riddles. We cheerfully complied, and told him we had threshed 1,200 bushels of wheat on the machine since we last examined them. You may know he was surprised, but he has since ordered one of the same machines. It is utterly impossible to clog the riddles. We have examined and threshed with a great many different machines, and consulted threshermen and farmers, and are fully convinced that there is no thresher in America that will excel the New Model and Monitor Engine. We have this day given our order for an interest in one more New Model Thresher and 10-horse Traction Engine. Very respectfully,

H. J. SHALLENBERGER,  
J. W. HOSTETLER.

MILLERSBURG, KY., November 15, 1883.

*Messrs. C. Aultman & Co.*

Dear Sirs—I have one of your machines. I have run it for three seasons and find it to give entire satisfaction in threshing and cleaning the grain. As for durability I think it is as good as any machine made. If I should buy a new one again I would buy one of you. I haven't been at any particular expense for rapairs; no more than other machines through the country.

Yours respectfully,

W. M. HAMILTON.

C. Aultman &amp; Co.

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## C. AULTMAN & CO., STEAM THRESHING MACHINERY.

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GRUNDY CENTER, IA., November 14, 1883.

C. Aultman & Co., Canton, O.

Gents—I this season bought of your agent, Mr. G. F. Wans, of Grundy Center, one of your New Model Threshers and 13-horse-power Engines and am fully, and in fact, more than satisfied with the work of the machine. Early in the season I bought a new Massillon Thresher, and not being satisfied, I sold it and bought the New Model. I would recommend the New Model to any one wanting the best machine made. At one time I threshed oats at the rate of six bushels a minute, and saved all of the grain.

L. COLE.

CARROLLTON, ILL., November 5, 1883.

J. P. Morrow & Co.

Gentlemen—We have used the 10-horse Monitor this season and find it all we could desire; can pull our load over any of the hills in this country. The New Model gives the best of satisfaction to ourselves and our customers. It does its work well and cleans the grain to perfection.

Yours truly,

R. D. HEBERLING.

WASHINGTON, IOWA, November 8, 1883.

Messrs. C. Aultman & Co., Canton, O.

Gentlemen—The New Model Thresher we bought of your agents, Messrs. Wm. Wilson, Jr., & Sons, of Washington, Iowa, does its work in a very satisfactory manner, and we regard it as near perfection as any machine made. It takes the grain and seed clean from the straw, separates well, cleans both grain and seed ready for either mill or market, and while we have not tried to thresh the greatest number of bushels to the minute, or hour, yet we believe the capacity as great as any machine of its size. The machine is well made, of good material, runs light, and we take pleasure in recommending the New Model to any one wanting a thresher.

Yours very truly,  
DUSENBERRY BROS.

LONGMOUNT, BOULDER CO., Colo., October 29, 1883.

H. C. Babcock & Son, Denver, Col.

Your favor of October 27 is at hand. I can say the New Model Thresher I bought of you this season is the best thresher I have ever used, and I have threshed for 18 years. I think it is the best cleaner, saves the grain the best, and is the most easily managed, and will clean more grain in one day and save it better than any other machine I ever saw. I have threshed 50,000 bushels this season, and it has given entire satisfaction as far as I know.

Very respectfully,  
JAMES L. WILSON.

PLEASANT PLAIN, SANGAMON CO., ILL.  
September 4, 1883.

C. Aultman & Co.

Sirs—I am well pleased with No. 7 New Model Machine I purchased of your agent. It gives general satisfaction to every one for whom I threshed, and I regard it as the best machine that I am acquainted with.

SYLVESTER COMER.

JAMES A. NOBLE & SON write—We own two of your Traction Monitor Engines and New Model Threshers; one No. 12, 12-horse, and one No. 16, 16-horse, and feel confident we can thresh more grain and save more lumber, and do it cheaper and better than can be done by any other make of engine or thresher of same rated capacity in the country. We start up in the morning and run steadily till night. The Monitor Engine and New Model Thresher can be depended on every time. Both are popular machines in our section.

Respectfully,  
JAMES A. NOBLE & SON.

RISING SUN, CECIL CO., Mo., May 22, 1883.

C. Aultman & Co.

My No. 10 Monitor Traction Engine and No. 7 New Model Thresher and Separator, bought through your agent, Joseph S. Rogers, in 1881, is in my judgment the best, being the most powerful engine and thresher in the country. I have taken my Monitor Engine over bad roads that would stall as many horses as you could hitch on to the same load. It is ever handy and reliable, costing me less money to keep up and doing more work than the same amount of money invested in horses or mules. Wishing you success, I am,

Yours truly,

JAMES E. HANES.

UPPER CROSS ROADS, HARTFORD CO., MD.,

February 19, 1883.

Hugh W. Mathews, General Agent.

The No. 6 Monitor Engine and No. 4 New Model Thresher and Separator I purchased from you last August give entire satisfaction in quantity and quality of work done, and in economy of fuel and water used. I have more work promised than I can do.

ISRAEL A. SCARFF.

HARTFORD COUNTY, MD., September 7, 1883.

I have owned in the past 20 years several threshers and engines of different makes, and after two years' trial, desire to say I can do more and better work with my No. 6 Monitor and No. 4 New Model Thresher and Separator than with any other engine and thresher I ever owned or have seen at work.

CHARLES HECK.

OVERRISLE, MICH., November 8, 1883.

C. Aultman & Co., Canton, O.

Gentlemen—We are well pleased with the No. 9, 33-inch cylinder, Miller's New Model Separator, and 10-horse-power Canton Monitor Engine we bought of your agent, H. De Kruif, Zeeland, Mich. It is the best threshing rig that has ever been introduced into this section of the country. The separator thresher cleans separates, and saves the grain better than any other machine we ever saw. We have been around with the Chief and many other machines, and it beats them all to smash for clean and fast threshing. We think it is the best separator made. The Canton Monitor Engine furnished better power to thresh with, and more of it, than any other engine made of the same size. In fact it is the smoothest and lightest running outfit in the world. It is the most simple to understand of any engine we ever run. Everybody who sees it says it is the most complete thing for threshing they ever saw. We can thresh all the wheat that can be got to the separator from both sides, and can recommend it to any one wanting anything of the kind. Threshermen, if you want to buy a good grain-saving machine then buy Miller's New Model Thresher and Canton Monitor Engine, then you will have a machine that will get you all the work you can do. Before you buy look at the New Model Separator and the Self-Steering Canton Traction Engine, if you have to go 200 miles to see it. It will pay your fare.

Yours truly,  
G. J. & E. MAATMAN.

ZEELAND, MICH., November 6, 1883.

C. Aultman & Co., Canton, O.

Gents—The 10-horse Traction Engine we bought of your agent at Zeeland more than meets our expectation, especially as a traction. It is exceedingly hilly in this section, and we thought it impossible to climb them with this power, but we were happily surprised, as it seems to require no effort, but to trot right over them all. The engine is powerful, easy to operate, and very economical in the use of fuel and water. We would recommend it to all.

GEORGE MYER.  
PETER HAAN.

## C. AULTMAN &amp; CO., STEAM THRESHING MACHINERY.

BARNESVILLE, BELMONT Co., O., November 7, 1883.

C. Aultman & Co.

I bought one of your 10-Horse Traction Engines and one of your Star Vibrating Separators. It has given good satisfaction wherever it has been. It has been running two falls with very little expense. I have threshed four bushels of wheat per minute and cleaned well. The New Model Vibrator will clean all the grain that can possibly be put through it. I have been running circular saw with your 10-Horse Monitor, and have split from 8,000 to 6,000 feet per day. I am well pleased with both.

Respectfully yours,

GEORGE R. SULLIVAN.

PROGRESS, DAUPHIN Co., PA., September 7, 1883.

C. Aultman & Co.

Gents—This is to let you know that the threshing rig that we bought of you is giving us good satisfaction. We can thresh as fast as any farmer wants us to thresh. They all say it cleans better than any machine they ever saw, and the people we have threshed for are all well pleased with the work, and we have more work than we are able to do.

Yours truly,  
HENRY C. HAERNER.

HURON, IND., November 5, 1883.

Messrs. C. Aultman & Co., Canton, O.

Gentlemen—We consider the New Model Thresher No. 7, we bought of your agents, F. A. Bosier & Bro., the best machine we have ever seen. It is doing more and better work than was claimed for it. We can thresh 1,000 bushels of wheat per day with ease.

MOSES BUXTON.  
JOHN A. TROBRIDGE.

SECOR, ILL., August 24, 1883.

C. Aultman & Co.

The New Model and Monitor Engine I bought of you through your agent, H. Ludwig, at Secor, has given me better satisfaction than any machine I have ever had. I have had four different threshers, two J. I. Case, one Nichols & Sheppard, and your Sweepstakes, but the New Model is superior to them all, and in fact, superior to any machine I have ever seen. The ridges run from morning until night without any trouble whatever. The Monitor Engine pleases me better than any engine I have seen, and we have had no trouble with it. It is always ready for work from morning to night. The farmers for whom I have threshed are decidedly satisfied with our rig, and the work we have done for them with it, and I have lost no time since I owned the rig. I have threshed over very rough and heavy roads, but the Monitor has always pulled the New Model, water tank, and load of goods over them without failing.

Yours, JACOB HEXAMER, Jr.

ONEIDA, ONEIDA Co., IDAHO TER., November 1, 1883.

Messrs. C. Aultman & Co., Canton, O.

I purchased one of your New Model Threshers from Geo. A. Lowe, of Ogden, Utah, and, with a good and careful man in charge, with good hands, I can thresh more grain and clean it better than any other kind of machine in this country. I find that the first point is to know how to run a machine in the starting and then it is easy to keep right.

Very respectfully yours,

W. C. HAWKINS.

SOUTH JORDON, SALT LAKE Co., UTAH TER., November 1, 1883.

Messrs. C. Aultman & Co.

Gents—As for my machine I don't think it can be beat; and as for repairs the machine company don't make much off of me. The boys that run with me will say the same. I used one of the New Model Machines.

Yours truly, THOMAS W. BECKSTEAD.

NASHVILLE, WASHINGTON Co., ILL., October 27, 1883.

C. Aultman & Co.

Dear Sirs—I am well pleased with your New Model Machine which I purchased from you. I have worked with all kinds of machines from 1865 up to the present time. I never saw any machine that comes up to the New Model. I have run the New Model for 3 years. It gives the best satisfaction that I ever saw in my life. I have had all the work I can do while there is any wheat to thresh in the country. I have threshed in 7 hours 1,025 bushels, and moved and set two times in that time with your 30-inch machine. It was the largest straw that I ever saw, it was 4 to 6 feet long. We did not have any one at the table to stand and feed.

JOHN M. WOODS.

DRAKE, GASCONADE Co., Mo., October 28, 1883.

C. Aultman & Co., Canton, O.

The New Model Thresher we bought this last season of your agent, H. W. Stoemer, at Bay, Mo., is doing first-class work. We threshed over 20,000 bushels of wheat with it, and had no trouble with it at all.

FRIED SCHMIDT.  
SIMON OSTERMAN.

BENSON, ILL., September 2, 1883.

Stenger & Sharp, Washburn, Ill.

Dear Sirs—in answer to your letter would say I am getting along first rate with my new rig I bought of you. The New Model is a daisy in all kinds of grain. The Canton Monitor walks away with any engine in our neighborhood. We did not lose ten minutes' time since we started to thresh. We have given better satisfaction than any other steam thresher in this neighborhood.

Yours truly,  
JOHN HOCK.

WASHBURN, ILL., September 5, 1883.

Messrs. Stenger & Sharp.

Gentlemen—The Canton Monitor Engine we bought of you gives entire satisfaction. It runs our New Model Separator to perfection. We can beat anything in this neck of the woods for threshing.

D. D. CLARK.  
THOMAS MCKEE.

GRUNDY CENTER, IA., November 12, 1883.

Messrs. C. Aultman & Co., Canton, O.

Gents—I have run one of your New Model Threshers this year, sold by George F. Wasm, of Grundy Center, Iowa, and will say that it is a good machine, and does good work, and saves grain the best of any machine I ever saw. I think that it beats anything that I ever saw run for threshing grass seed, and would recommend it to all wanting to buy a thresher as being the best machine in the market. I have threshed eight falls, and with about as many different machines.

Respectfully yours,  
ROBERT BARTON.

TOOELE, TOOELE Co., UTAH TER., November 5, 1883.

C. Aultman & Co.

Gentlemen—in answer to yours in your inquiry as regards the machine which I purchased of your agent, George A. Lowe, I must say that it is the boss machine, according to my judgment. I bought the Miller New Model Improved Vibrator. For durability and economy and power of work it has not an equal in the section of the country wherein I reside. It has met with the favor of the farmers. It has thrown all other machines out of employment. It has taken the field, and to my judgment it is the very best machine in the country.

With respects, I remain yours,

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## C. AULTMAN & CO., STEAM THRESHING MACHINERY.

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SYNER, LEBANON Co., PA., September 13, 1883.

*C. Aultman & Co.*

Dear Sir—My machine is as follows: First, Canton Monitor Engine No. 6, and second, 2½-inch Miller's New Model Vibrator. I am very much pleased with this machine. I can thresh from 300 to 400 bushels of wheat in a day, and cleanse it fit for market. It gives entire satisfaction in quality, quantity, economy, durability, and very little repairs. It competes successfully with any machine of the same size to thresh clean and fast. It is approved by all my patrons to excel any other for cleaning.

Yours respectfully,

DANIEL KLINE.

HOWELLVILLE, DELAWARE Co., PA., September 1, 1883.

*C. Aultman & Co.*

Dear Sirs—The 6-horse Engine and 2½-inch Separator I purchased of your agent a few months ago is all that you claim. It does its work well, and wherever it has been used has given perfect satisfaction.

Yours truly,

EMLIN STACKHOUSE.

OLYMPIA, SMITH Co., VA., October 10, 1883.

R. F. NICHOLS, Esq., Marion, Va.

Dear Sir—in reply to yours just at hand, will say, after testing the No. 4 New Model and Horse Power we purchased from you and manufactured by the old reliable firm of C. Aultman & Co., of Canton, Ohio, we find them to be all they claim. It was late in August when we received it, and we run it 31 days without losing one hour, making an average of 210 bushels per day. The crops in this community were small; we put down at one place for 2½ bushels. Our patrons are well pleased, and say they never had their work done better than we did it, and as to cleaning, it was good enough for any market. We can, in good grain, thresh 1½ bushels per minute, and we believe we can take our team and thresh as much, and clear more money than we could, if we had purchased an 8-horse engine. We think it is the best, and are certainly glad we bought from you.

Yours very respectfully,

A. J. HUBBLE,  
H. HAXMEN,  
H. T. HUBBLE.

HAY, GASCONADE Co., Mo., October 23, 1883.

*C. Aultman & Co., Canton, O.*

The New Model Thresher we bought of your agent, H. W. Stoenner, in 1882, went through two seasons. In 1882 we threshed with it nearly 40,000 bushels of wheat, and the last season 25,000 bushels, and we are proud to say our customers are well pleased with our work, and we have no trouble to get work for our machine.

W. C. SCHULTE.  
C. ROBBERSON.  
ED. WILEMAN.

HILLSBORO, JEFFERSON Co., Mo., October 29, 1883.

*Messrs. Aultman & Co.*

Sirs—The New Model Machine bought by us has been running three years with the exception of some changes in Separator and new spikes, which naturally wore out. It has not cost anything for repairs, doing very good work for threshing and cleaning. The Canton Monitor Engine is all that a man can wish for. We have moved it over roads that were considered too rough for wagons, without any trouble. We have not had a minute's delay with it. I consider the Canton Monitor the safest and the easiest to manage both in moving and threshing for a man who is not a practical engineer. We can do more threshing with the same amount of fuel and water than with any other make. We remain respectfully yours,

JOHN CARREY & CO.

ARVADA, JEFFERSON Co., CO., October 28, 1883.

*C. Aultman & Co.*

I bought of H. C. Babcock & Son, your agents at Denver, Col., two of your New Model Separators, with your 10-horse Monitor

Engines, which I have operated the past two seasons with entire satisfaction to myself and customers. I have no hesitation in saying that they are the most durable and easiest handled, and capable of doing the best work of any machines I ever handled.

Respectfully yours,

J. S. HOBOCK.

BRIGHAM CITY, BOX ELDER Co., UTAH, October 20, 1883.

*C. Aultman & Co.*

Gentlemen—The machine that I bought from George A. Lowe is Miller's New Model Vibrating Thresher, 2½-inch cylinder 10-horse-power, and I think it is the best thresher I ever had anything to do with. Everything is so well regulated that it does not waste any grain, cleans good, and the stones never load up like most others. There is no tending. We never need to go and scrape behind with a stick. We run for days and never look at the riddles. For oats and barley we can thresh as fast as we can get it to the machine, and clean it good and save it all. We have run ours two seasons, and had a big run each season, and we have had no repairs, only one open grain belt. Everything is so arranged that it don't shake to pieces. The separator stands perfectly still when we are running (and we don't drive a stake to hold it either), which makes it very easy on machinery. It is of very light draught, easy managed, and never bothers. There is no machine that cleans wheat good in the country without a shaker.

Yours truly,

PETER NELSON.

FRANKLIN, ONEIDA Co., IDAHO, October 29, 1883.

*Messrs. C. Aultman & Co., Canton, O.*

Gentlemen—The machine I bought was called the New Model. The machine is all it was represented to be by C. Aultman & Co. It threshes fast, cleans grain splendidly of all kinds. Expenses on Separator comparatively nothing. I think the Aultman machine compared with others is hard to beat. JOHN BIGGS.

RICHMOND, CACHE Co., UTAH, October 27, 1883.

*C. Aultman & Co.*

Dear Sirs—I bought one of your New Model Separators in 1881. It has given satisfaction. It saves grain and cleans well.

Yours truly,

JOHN RICHARDSON.

COLUMBUS JUNCTION, IA., November 6, 1883.

*C. Aultman & Co.*

Dear Sirs—Having purchased this year of J. L. & P. H. Collins one of your New Model Vibrators, we take pleasure in stating that it has given entire satisfaction. We have earned since August \$600.00, and can recommend it to all wishing to purchase a machine.

JOHN T. McCARNEY.

W. H. McCARNEY.

WASHBURN, ILL., November 9, 1883.

*Messrs. C. Aultman & Co., Canton, O.*

Gentlemen—The New Model Separator and Canton Monitor Engine have given our customers entire satisfaction, and did not cause us the least bit of trouble. It is a pleasure to sell that kind of rigs.

Yours respectfully,

STENGER & SHARP, Agents.

LOVELAND, LARIMER Co., CO., November 11, 1883.

*C. Aultman & Co.*

I have bought one of your New Model Machines. I am well pleased with it, although I think there could be some improvements made on it that would help it a great deal. I think it the simplest and best machine in the market. I have threshed 42,000 bushels of grain this season, and have given good satisfaction. We have the Three Rivers and Belleville to contend with here, but I think the New Model will take the lead when once fairly introduced.

Yours respectfully,

C. B. RICHIE.

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## C. AULTMAN &amp; CO., STEAM THRESHING MACHINERY.

MATTOON, ILL., Nov. 15, 1883.

*Messrs. C. Aultman & Co., Canton, O.*

Gents—Having purchased one of your New Model Separators the past season, and as we are well pleased with it, I take pleasure in recommending it to any one wanting a machine that they can rely on to do good work and lots of it. We thoroughly tried it in wet oats and must say it did splendidly. We threshed 4,120 bushels of damp oats in two days. I do not follow threshing for a business, but, having a large crop of grain of my own to take care of, I concluded to try, and as I know that every farmer wants a machine that will thresh fast without any stopping to fix and tinker, and at the same time take all the grain out of the straw, I can assure them the New Model is the machine for them to get to do their threshing.

Yours truly,  
M. C. NIXON.

NORSELAND, NICOLLET CO., MINN., Nov. 21, 1883.  
*C. Aultman & Co.*

Gentlemen—We purchased one of your New Model Separators this season (we have one of your Monitor Engines now, used five seasons, which is perfect and good in every respect yet) and can, without hesitation, give it the best recommendation as well in regard to the quality and quantity of its work, compared with other makes as to its simple and durable construction. We have run the machine about 15 days this fall and earned \$1,880, and the price for threshing has been two cents per bushel for oats and four cents for wheat. We have often turned out over 1,100 bushels of wheat a day, which is at least 200 bushels more than any other machine in this section has been able to turn out per day. We have not had a single breakage or stoppage the whole season, and have not expended one solitary cent for repairs, and will conclude by saying that although we have seen a good many threshing machines in operation, and run various kinds for the last fifteen years ourselves, we never saw a mate to the New Model as a fast, clean, and steady thresher.

Respectfully,  
JOHN & ANDREW WEBSTER.

WINDSOR MILLS, ASHTABULA CO., O., Dec. 21, 1883.  
*C. Aultman & Co.*

Sir—Having bought one of your New Model Threshing Machines, a 30-inch cylinder, of J. M. Walters, of Chardon, I say it does its work the best of any machine that I have ever run, and I have run six different machines; my customers were well pleased with its work. It beats them all for nice work.

Yours truly,  
B. F. BRIGHAM.

UNION CITY, TENN., Dec. 14, 1883.  
*Messrs. C. Aultman & Co., Canton, O.*

Dear Sirs—I purchased of your agents, Messrs. Hayden & Barry, of Union City, one of your 8-Horse Separators, and can truly say I find it perfect in every respect; it has given entire satisfaction.

I remain, very truly,  
POLK CARTER.

SALISBURY, MD., Aug. 2, 1883.  
*Isaac H. White, Esq., Salisbury, Md.*

Dear Sir—The 16-Horse Self-Steering Monitor Engine, and No. 7 New Model Thresher and Separator we purchased from you is satisfactory in all respects. The Monitor is safe, convenient, and handy. We can go anywhere that a yoke of steers can travel. We have threshed 500 bushels of wheat ready for market and moved four times in one day. Give us the straw and we can thresh in first class style 1,000 to 1,200 bushels in ten hours. We shall be ready to start our saw mill on or before August 19.

Yours truly,  
JAS. A. TRAVERS.  
FRANCIS J. EVANS.

HENDRYSBURG, BELMONT CO., O., Nov. 8, 1883.

*Messrs. C. Aultman & Co.*

We bought one 6-Horse Engine and one New Model Separator No. 7. We found them to be more than they were represented. We threshed 1,000 bushels in less than a day. We have threshed with the Aultman, Taylor, Massillon, and Minnesota Chief in the same neighborhood, and farmers say we did the best work and cleaning quickest and easiest of all. We have run our machine two seasons and it cost us \$5.00 for repairs. We're running all the time and making \$25 to \$30 per day, while other machines were laying by every day or two for breaks and repairs. We make each season \$1,000 to \$1,200. Our machine is noted for its simplicity and easy management. We have set our machine and been ready for work in 12 minutes, while it takes from 30 to 50 minutes for others. If we were going to buy 6 machines they would all be C. Aultman and Co's make.

Yours respectfully,  
MURPHY & LYNN.

KINGSTON, MD., July 24, 1883.

*C. Aultman & Co.*

My Engine and Tresher are doing first-class work. Farmers say it is the best machine in the country. Yours,

J. M. HUGHES.

BETTSVILLE, MD., Aug. 9, 1883.

*C. Aultman & Co.*

Gentlemen—We are pleased to say the No. 7 New Model Thresher and Separator purchased from you last March, fills the bill completely. We have all the work we can do at better prices than our competitors. Our No. 10 Monitor Engine which we bought of you two years ago is now as good as new. It has not cost us a copper for repairs so far. The steam rig is esteemed by all we have done work for as the best in our county. Wishing you abundant success. Yours truly,

SAM'L J. HOPKINS & BRO.

HUDSON'S MILL, VA., July 26, 1883.

*Mr. Hugh W. Matthews, 112 & 114 Conway St., Balt., Md.*

Dear Sir—I am happy to say the New Model Thresher and Separator cleans up on everything in this neighborhood in the way of a threshing machine. I am threshing from 700 to 800 bushels of wheat per day, with my 24-inch Cylinder Machine, separating and cleaning satisfactorily. Respectfully yours,

C. W. HUDSON.

HUDSON'S MILL, CULPEPPER CO., VA., Nov. 12, 1883.

*Messrs. C. Aultman & Co.*

It gives us pleasure to testify as to the merits of the 12-Horse Traction Monitor Engine, and Miller's New Model Thresher and the saw mill bought of your agent, W. C. Petty. We gave entire satisfaction, doing the work as rapidly and as well as any thresher in the country. The mill does its work as well as any mill can; it is simple, easily handled, and is durable. In fact the whole rig is an exceptionally good one and in our opinion cannot be excelled.

Yours respectfully,  
B. TRIPLETT & SONS.

*C. Aultman & Co.*

In answer to your inquiries about the Separator, we would say that it runs nice and does as good work as any one in use. It does perfect cleaning and does not back lash any at all. Beaters do not wrap any, and it is easily handled.

Yours truly,  
AYERS & REEVES.

PIMA, SMITHVILLE, GRAHAM CO., ARIZONA TER., Nov. 22, 1883.

*Messrs. C. Aultman & Co.*

Dear Sirs—I will say for the New Model Thresher, it has no equal that I have yet seen for rapid work, thorough cleaning, and grain saving. I have seen nearly all kinds of threshing machines at work and have owned different kinds, but none equals the New Model Vibrator. I remain yours truly,

J. D. HOLLADAY, JR.

C. AULTMAN & CO., STEAM THRESHING MACHINERY.

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Nov. 8, 1883.

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*C. Aultman & Co.*

HANCOCK, MINN., Nov. 16, 1883.  
The New Model Separator and Monitor Engine that I bought  
of your agent, C. W. Comstock at Hancock, has more than paid  
for itself this season. It is in just as good order as it was when  
bought. I will guarantee that there is not a threshing engine in  
the State that has threshed as much as my Monitor has that is  
in as good order to-day and without repairs.

C. D. GIDDINGS,

Superintendent of Minnesota Farming and Lumber Company,  
(largest farm in Minn.).

FARGO, DAKOTA TERR., Nov. 30, 1883.

With the 30-inch New Model Separator purchased of you we  
have threshed 24,890 bushels of grain during the season. We  
never worked around a threshing machine before; but our  
work with the New Model has given much better satisfaction  
than any other machine in the "Jim River Valley," and we are  
satisfied that we have the best machine in the market.

C. W. & D. N. SICKLES.

JUDD'S CORNERS, SIAWASSEE CO., MICH., February 3, 1883.  
*Messrs. C. Aultman & Co.*

Sirs—The New Model Thresher we purchased of W. H. Shaw,  
Flint, gives good satisfaction. It beats anything we ever saw,  
cleaning and separating grain. The sieves never choke. We can  
recommend it as the best machine we ever saw or used. We  
also bought one of your 10-horse Traction Engines, and it gives  
good satisfaction.

Yours truly,

W. W. STEELE.  
L. E. SHERMAN.

*C. Aultman & Co., Canton, O., KEEFVILLE, PA., Nov. 28, 1883.*

Having used one of your New Model Separators, 33-inch cylinder,  
also one of your 10-Horse Traction Engines, the past season,  
I cheerfully give my testimony in favor of both, as superior to  
any I have ever seen or used. The quality of work done is ex-  
cellent, as those for whom we have threshed can testify. Be-  
low I give you the names of a few farmers who say they are con-  
vinced that our machine can't be beat.

Farmers.

J. B. WICKWIRE. W. RANDALL. WILL N. FROST.  
F. M. SPALDING. JAS. RICHARDS. E. E. KEEP.  
C. W. CROUCH.

Clay, BROWN Co., Texas, January 24, 1883.  
*Messrs. C. Aultman & Co.*

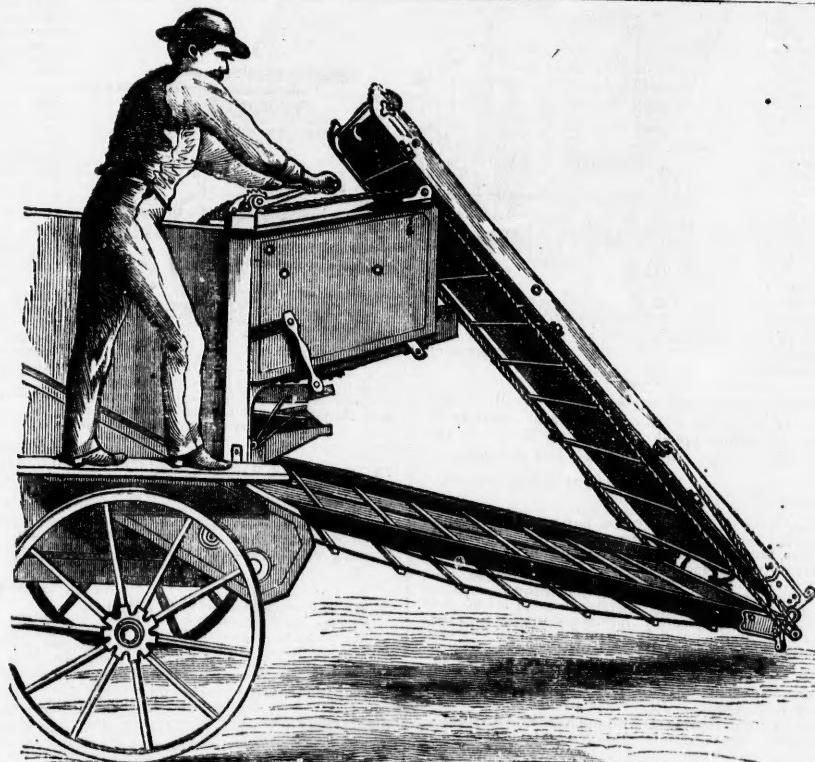
Gentlemen—I want some repairs for my thresher and I have  
lost my book of repairs. Please send me, by return, a book of  
repairs of the New Model End shake. I bought one of your New  
Models, 24x36, and have run it last year, and my expense for  
repairs was \$1.35. For good work I shall run it against any  
thresher ever put up. I have run eight different makes, but  
for good and fast work give me the New Model.

Yours truly,  
G. P. BOLANDER.

SELINSGROVE, SNYDER Co., PA., August 23, 1883.  
*C. Aultman & Co.*

We feel it our duty to state to you our surprise at your New  
Model Combined Thresher and Clover Huller. As a grain  
thresher, it is perfect and can't be beaten; and as a clover  
huller, it excels any regular huller we have seen.

S. E. PAWLING.  
H. MOYER.



OUR STACKER—Easily placed in position for work or transport by one man.

## THE NEW MODEL IN CANADA.

Farmers and threshermen residing in the Province of Ontario, Dominion of Canada, are hereby informed that the Joseph Hall Manufacturing Company, Oshawa, Ontario, has secured the exclusive right to manufacture and sell the New Model in said Province. The Joseph Hall house is the most important in this line in the Dominion, and its choice of the New Model over all the threshers made in America is another significant indication of the superiority of our machine in the eyes of the most successful and experienced machinists that can be found.

*From the London, Ontario, Free Press.*

The Joseph Hall Manufacturing Company, Oshawa, have introduced a new threshing machine called the "New Model" Vibrator. This machine was invented by Jacob Miller, of Canton, Ohio, who has been for forty years engaged in manufacturing threshing machines.

The "New Model" was first offered to the public in 1879. For 1882, more than 1,000 machines were sold in the United States. The Hall Company have been making some very interesting tests, to ascertain the real merits of the machine as a grain saver. A platform was built at the rear of the machine, with a slatted bottom, so that all the straw fell upon the slats. It was arranged so that a man could stand on either side of the platform and shake the grain out of the straw, so as to allow it to fall through the slats, throwing the straw over on the ground. A hopper was built under the platform, and under the hopper a fanning-mill was placed. Then fifty bushels of grain was threshed, beginning at the rate of sixty bushels an hour, and working up to one hundred and twenty bushels per hour. After threshing fifty bushels at each of the various sheds, the grain in the fanning-mill was cleaned up and weighed. It can be readily seen that in this way a test will indicate exactly the quantity of grain which would be liable to go into the straw stack. Ten tests were made only a short time ago, and the worst result was a loss of five ounces of wheat in threshing ten bushels, which was equal to a waste of one bushel in nineteen hundred and twenty. This is a truly wonderful result, and is valuable because the test was made in a most thorough and systematic manner. All kinds of grain have been tested, and the result was equally satisfactory.

In the Annual Catalogue of the Joseph Hall Co. are printed many opinions of mechanics and farmers of Ontario, all of which speak of the New Model in the highest possible terms. We append a few samples:

*YARMOUTH CENTRE, Sept. 23, 1883.*

*Joseph Hall Man'g Co., Oshawa, Ont.*

Gentlemen—I have threshed thirty-seven years and have used most all other kinds of machines, but this lays them all out for good threshing, separating, and cleaning. The wheat is shrunk here, but it will thresh all the grain out of the heads and separate it from the straw and clean it better than any machine I ever saw. It does not scatter the grain all around the hind part of the machine, so when you get the straw threshed you are done. It does not take half an hour to clean up the floor after you have finished the mow. It does not wind in threshing pens or any other grain; it stands still on the floor and no beets fly off to bother you.

Yours truly,

JONATHAN YORKE.

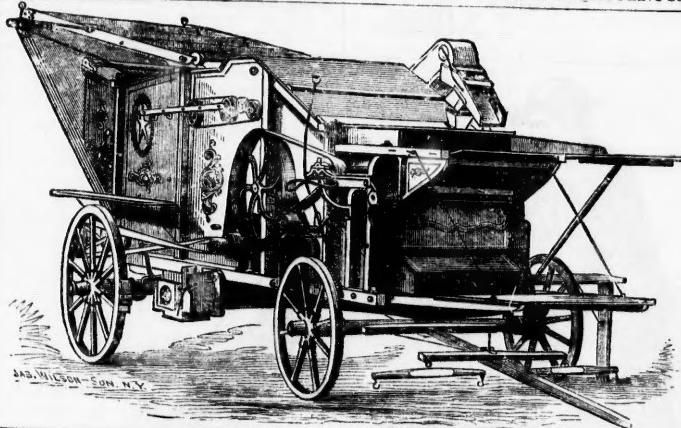
*MANVERS Tp., Oct. 18, 1883.*

*Joseph Hall Manufacturing Co.*

Gentlemen—I am well pleased with the New Model Vibrator. It threshes clean. My opinion is that it cannot be beat as a separator. It separates the grain from the straw wonderfully, and there is no fanning-mill that ever I saw to clean any kind of grain like it; no waste of any kind of grain. I can thresh very fast. It gives good satisfaction in the country. The farmers are well pleased with the work.

Yours very truly,

JAMES ARMSTRONG.



*JAS. MILLERSON SON, N.Y.*

*T PICKERING, Nov. 1, 1883.*

*The Joseph Hall Manufacturing Co., Oshawa.*

Gents—I have been threshing peas with my New Model Vibrator, bought from you last season, and it is a perfect success. I took out the lower sieve, leaving in only the large sheet iron sieve, with holes punched in, and then put in the new Extension with round holes, in which you furnished me.

I then took out all the concave teeth but one row, and have threshed the most delicate kinds of seed peas to the entire satisfaction of my customers.

There is no choking or winding anywhere about the machine, and no difficulty in any way threshing peas; in fact, it is the most successful thresher I have ever operated.

Yours respectfully,

WILLIAM COWAN.

*MOUNT HOPE, Oct. 1, 1883.*

*The Joseph Hall Manufacturing Co., Oshawa.*

Gentlemen—Having properly tested your New Model Separator I feel it is my duty to write to let you know how I like it and what the farmers think of it where I have been threshing.

I am an old thresher, and have had twelve machines of different kinds before I bought this one. As a thresher it is the fastest machine I ever had; no man can feed it down. We can run with twenty pounds less steam than any other machine I ever had. Secondly, as a separator from the straw it is perfect, not one grain having been found thrown out yet, and as for cleaning grain, the farmers are taking it to market from the machine. The farmers here say it is the most perfect machine they ever saw, and they are running

after us by the dozen every day, while others are laid up. The farmers say there will be no other machine running but your New Model Vibrator for the next five years.

Yours very truly, CHRISTOPHER L. GOODMAN.

*COLUMBUS, Dec. 7, 1883.*

*The Joseph Hall Manufacturing Co., Oshawa.*

Gents—The 30-inch New Model Vibrator that Mr. Dryden and I purchased from you is giving us entire satisfaction. It is easy in draught, threshes clean and quickly, and we believe that it is as good a machine as possibly can be made for the purpose. Any person wishing to hear anything further about the New Model Vibrator we will gladly give them any information they desire.

Yours truly, SAMUEL HOLMAN.

*TAUNTON, Dec. 12, 1883.*

*Joseph Hall Manufacturing Co., Oshawa.*

Gentlemen—We have now thoroughly tested our New Model Vibrator and 10 Horse Pitts' Power which we purchased of you during this season, and are pleased to say that it gives us unqualified satisfaction. It threshes the grain out of the straw completely, and saves every kernel of it more successfully than any other machine we have ever seen or used. It cleans the grain almost fit for market. In this respect it is surprisingly ahead of all other threshers and cleaners. It is light on the horses, does not get out of order, easily managed, and in all respects is a great step in advance of other threshing machines. You are at liberty to refer any one to us who desires to know our opinion of the New Model. We purchased the machine almost entirely for the use of ourselves and a few neighbors, and are well pleased with our purchase.

Yours truly,

WILLIAM LANDER.  
JOHN LANDER.